

**Datasheet for 200-101-189-0100****Invertase Antibody****Overview**

|                      |                                                   |
|----------------------|---------------------------------------------------|
| <b>Description:</b>  | Anti-Invertase (GOAT) Antibody - 200-101-189-0100 |
| <b>Item No.:</b>     | 200-101-189-0100                                  |
| <b>Size:</b>         | 100 µg                                            |
| <b>Applications:</b> | WB                                                |
| <b>Reactivity:</b>   | Candida sp.                                       |
| <b>Host Species:</b> | Goat                                              |

**Product Details**

|                      |                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Background:</b>   | Invertase affects sucrose utilization and alpha-glucosidase activity. It is a probable transcriptional activator.      |
| <b>Synonyms:</b>     | goat anti-Invertase Antibody, Beta fructofuranosidase 2 antibody, Inv1 antibody, Saccharase antibody, Sucrase antibody |
| <b>Host Species:</b> | Goat                                                                                                                   |
| <b>Clonality:</b>    | Polyclonal                                                                                                             |
| <b>Format:</b>       | IgG                                                                                                                    |

**Target Details**

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name:</b>          | SUC1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity:</b>         | Candida sp.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Immunogen Type:</b>     | Native Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen:</b>          | Invertase [Candida]                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity/Specificity:</b> | Anti-Invertase is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum as well as purified and partially purified Invertase [Candida]. Cross reactivity against Invertase from other sources is unknown. |

**Relevant Links:**

- [UniProtKB - P10594](#)
- [NCBI - P40912.1](#)
- [GeneID - 3640338](#)

## Application Details

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <b>Tested Applications:</b> | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Application Note:</b>    | Anti-Invertase Antibody has been tested by western blot. This product is suitable by assay against 1.0 ug of Invertase [Candida] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Goat IgG [H&L] (Goat) code #611-1302 and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:3,000 to 1:12,000 of the reconstitution concentration is suggested for this product. |
| <b>Assay Dilutions:</b>     | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ELISA:</b>               | 1:5,000 - 1:25,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>WB:</b>                  | 1:500 - 1:3,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Formulation

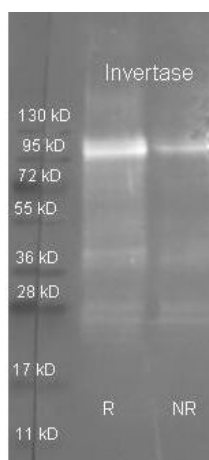
|                               |                                                            |
|-------------------------------|------------------------------------------------------------|
| <b>Physical State:</b>        | Lyophilized                                                |
| <b>Buffer:</b>                | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| <b>Preservative:</b>          | 0.01% (w/v) Sodium Azide                                   |
| <b>Stabilizer:</b>            | None                                                       |
| <b>Reconstitution Volume:</b> | 100 µL                                                     |
| <b>Reconstitution Buffer:</b> | Restore with deionized water (or equivalent)               |

## Shipping & Handling

|                            |                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shipping Condition:</b> | Ambient                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage Condition:</b>  | Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. |

**Expiration:** Expiration date is one (1) year from date of receipt.

## Images



### Western Blot

Rockland Goat anti Invertase antibody (100-101-189 lot 6736) was used to detect purified invertase under reducing (R) and non-reducing (NR) conditions. Reduced samples of purified target protein contained 4% BME and were boiled for 5 minutes. Samples of ~1ug of protein per lane were run by SDS-PAGE. Protein was transferred to nitrocellulose and probed with 1:3000 dilution of primary antibody (ON 4 C in MB-070). Detection shown was using Dylight 488 conjugated Donkey anti goat (605-741-125 lot 21094 1:10K in TBS/MB-070 1 hr RT) . Images were collected using the BioRad VersaDoc System

## Disclaimer

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