

Datasheet for 200-101-212S**Bilirubin Oxidase Antibody****Overview**

Description:	Anti-Bilirubin Oxidase (Myrothecium verrucaria) (GOAT) Antibody - 200-101-212S
Item No.:	200-101-212S
Size:	25 µL
Applications:	WB
Reactivity:	Myrothecium verrucaria
Host Species:	Goat

Product Details

Background:	Bilirubin Oxidase oxidizes bilirubin and other tetrapyrroles.
Synonyms:	goat anti-Bilirubin Oxidase antibody
Host Species:	Goat
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	BLRO_MYRVE
Reactivity:	Myrothecium verrucaria
Immunogen Type:	Native Protein
Immunogen:	Bilirubin Oxidase [Myrothecium verrucaria]
Purity/Specificity:	Anti-BILIRUBIN OXIDASE 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 Bilirubin Oxidase [Myrothecium verrucaria]. Cross reactivity against Bilirubin Oxidase from other sources is unknown.
Relevant Links:	• UniProtKB - Q12737

Application Details

Tested Applications:	WB
Application Note:	BILIRUBIN OXIDASE Antibody has been tested by western blot and is suitable to be assayed against 1.0 ug of Bilirubin Oxidase [Myrothecium verrucaria] 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 1:2,000 to 1:10,000 of the reconstitution concentration is suggested for this product.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5,000 - 1:20,000
IP:	1:100
WB:	1:500 - 1:5,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/ml by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot

Rockland Goat anti Bilirubin Oxidase antibody (200-101-212 lot 6533) was used to detect Bilirubin Oxidase under reducing (R) conditions. A samples of ~1ug of purified protein contained 4% BME and was boiled for 5 minutes and run by SDS-PAGE on a 4-20% acrylamide gel. 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) and Dylight 649 conjugated Donkey anti goat (605-743-125 lot 20834 1:10K in TBS/MB-070) 1 hr RT. Images were collected using the BioRad VersaDoc System

Disclaimer

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