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Datasheet for 600-401-AG7

# CD160 Antibody

## Overview

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| **Description:** | Anti-CD160 (RABBIT) Antibody - 600-401-AG7 |
| **Item No.:** | 600-401-AG7 |
| **Size:** | 100 µg |
| **Applications:** | ELISA, IF, WB |
| **Reactivity:** | Human, Mouse |
| **Host Species:** | Rabbit |

## Product Details

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| **Background:** | CD160, also known as BY55, is a lipid-anchored cell membrane glycoprotein that contains one immunoglobulin-like domain (1). It is expressed in small intestine, spleen and functional NK and T cytotoxic lymphocytes (1,2). CD160 exists as a disulfide-linked homomultimer that functions as a receptor for MHC (major histocompatibility complex) molecules and is thought to regulate the function of NK cells (2,3). Additionally, CD160 interacts with TNFRSF14 and, via this interaction, is able to negatively regulate CD4+ T cell activation, indicating a role in immune system regulation (4). |
| **Synonyms:** | CD160 Antibody , NK1, BY55, NK28, CD160 antigen, Natural killer cell receptor BY55 |
| **Host Species:** | Rabbit |
| **Clonality:** | Polyclonal |
| **Format:** | IgG |

## Target Details

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| **Gene Name:** | CD160 |
| **Reactivity:** | Human, Mouse |
| **Immunogen Type:** | Conjugated Peptide |
| **Immunogen:** | Anti-CD160 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid peptide near the internal region of human CD160. |

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| **Purity/Specificity:** | Anti-CD160 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. CD160 antibody is human and mouse reactive. Multiple isoforms of CD160 are known to exist. |
| **Relevant Links:** | • UniProtKB - O95971<br>• GeneID - 11126<br>• NCBI - NP_008984 |

## Application Details

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| **Tested Applications:** | ELISA, IF, WB |
| **Application Note:** | Anti-CD160 Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 20 kDa in Western Blots of specific cell lysates and tissues. |
| **Assay Dilutions:** | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below. |
| **ELISA:** | User Optimized |
| **IHC:** | User Optimized |
| **WB:** | User Optimized |

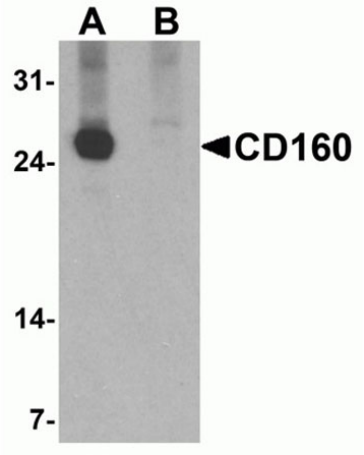
## Formulation

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| **Physical State:** | Liquid (sterile filtered) |
| **Concentration:** | 1 mg/mL by UV absorbance at 280 nm |
| **Buffer:** | 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2 |
| **Preservative:** | 0.02% (w/v) Sodium Azide |
| **Stabilizer:** | None |

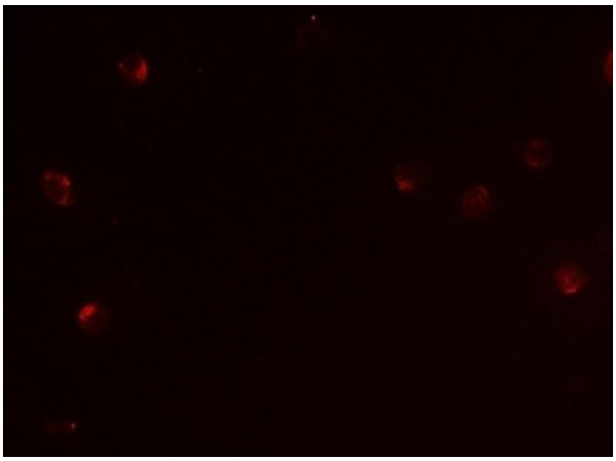
## Shipping & Handling

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| **Shipping Condition:** | Dry Ice |
| **Storage Condition:** | Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. 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**
Western blot of CD160.
Load: K562 cell lysate.
Primary Antibody: CD160 antibody at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.



**Immunofluorescence Microscopy**
Immunofluorescence of CD160.
Tissue: Jurkat cells tissue.
Primary Antibody: CD160 antibody at 5 µg/mL.

## Disclaimer

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