

Rabbit anti-Human CD160 Polyclonal Antibody | anti-CD160 antibody

CD160 Polyclonal Antibody

CATALOG # AAA294419	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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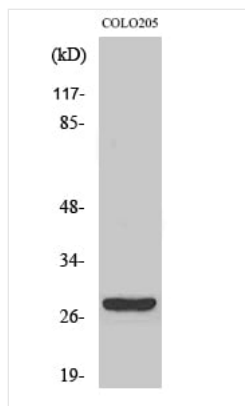
PRODUCT SYNONYMS

CD160; Polyclonal Antibody; CD160 Polyclonal Antibody; BY55; CD160 antigen; Natural killer cell receptor BY55; CD antigen CD160; anti-CD160 antibody

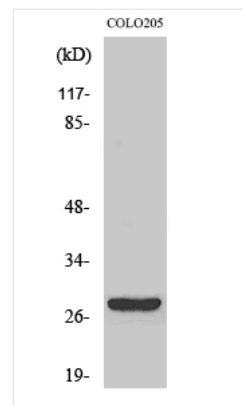
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-CD160 antibody	IF (Immunofluorescence), WB (Western Blot)
Notes	ECO:0000303 PubMed:16809620, ECO:0000312 HGNC: HGNC:17013
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000.
Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-CD160 antibody	CD160 antigen: Receptor on immune cells capable to deliver stimulatory or inhibitory signals that regulate cell activation and differentiation. Exists as a GPI-anchored and as a transmembrane form, each likely initiating distinct signaling pathways via phosphoinositol 3-kinase in activated NK cells and via LCK and CD247/CD3 zeta chain in activated T cells (PubMed:11978774, PubMed:17307798). Receptor for both classical and non-classical MHC class I molecules (PubMed:12486241). In the context of acute viral infection, recognizes HLA-C and triggers NK cell cytotoxic activity, likely playing a role in anti-viral innate immune response (PubMed:12486241). On CD8+ T cells, binds HLA-A2-B2M in complex with a viral peptide and provides a costimulatory signal to activated/memory T cells (PubMed:9973372). Upon persistent antigen stimulation, such as occurs during chronic viral infection, may progressively inhibit TCR signaling in memory CD8+ T cells, contributing to T cell exhaustion (PubMed:25255144). On endothelial cells, recognizes HLA-G and controls angiogenesis in immune privileged sites (PubMed:16809620). Receptor or ligand for TNF superfamily member TNFRSF14, participating in bidirectional cell-cell contact signaling between antigen presenting cells and lymphocytes. Upon ligation of TNFRSF14, provides stimulatory signal to NK cells enhancing IFNG production and anti-tumor immune response (By similarity). On activated CD4+ T cells, interacts with TNFRSF14 and downregulates CD28 costimulatory signaling, restricting memory and alloantigen-specific immune response (PubMed:18193050). In the context of bacterial infection, acts as a ligand for TNFRSF14 on epithelial cells, triggering the production of antimicrobial proteins and proinflammatory cytokines (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5901910
NCBI GeneID	11126
NCBI Accession #	NP_008984.1
NCBI GenBank Nucleotide #	NM_007053.2
UniProt Accession #	O95971
Molecular Weight	19,810 Da
NCBI Official Full Name	CD160 antigen
NCBI Official Synonym Full Names	CD160 molecule
NCBI Official Symbol	CD160
NCBI Official Synonym Symbols	NK1; BY55; NK28
NCBI Protein Information	CD160 antigen; CD160-delta Ig; CD160 transmembrane isoform; natural killer cell receptor BY55; natural killer cell receptor, immunoglobulin superfamily member
UniProt Protein Name	CD160 antigen
UniProt Gene Name	CD160
UniProt Synonym Gene Names	BY55
UniProt Entry Name	BY55_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd160-antibody-immunofluorescence-western-blot-elisa/294419>