

Rabbit anti-Human CD1C Polyclonal Antibody | anti-CD1C antibody

CD1C Antibody (C-term)

CATALOG # AAA289045	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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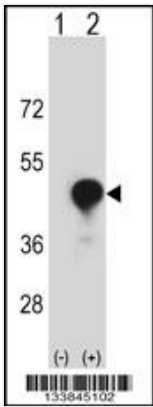
PRODUCT SYNONYMS

CD1C; Polyclonal Antibody; CD1C Antibody (C-term); T-cell surface glycoprotein CD1c; CD1c; anti-CD1C antibody

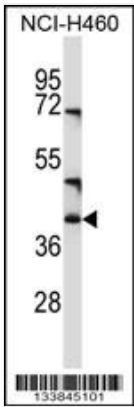
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD1C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 226-253 amino acids from the C-terminal region of human CD1C.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.27 (varies by lot)
Sequence Positions	226-253
Sequence Length	333
Applicable Applications for anti-CD1C antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of CD1C (arrow) using rabbit polyclonal CD1C Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CD1C gene.



WB (Western Blot)
CD1C Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the CD1C antibody detected the CD1C protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CD1C antibody	This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene is broadly distributed throughout the endocytic system via a tyrosine-based motif in the cytoplasmic tail. Alternatively spliced transcript variants of this gene have been observed, but their full-length nature is not known.
Product Categories/Family for anti-CD1C antibody	Immunology
References	Van Brussel, I., et al. J. Immunol. Methods 362 (1-2), 168-175 (2010) : Davila, S., et al. Genes Immun. 11(3):232-238(2010) Garzon, D., et al. Mol. Immunol. 47 (2-3), 253-260 (2009) : Van Rhijn, I., et al. J. Exp. Med. 206(6):1409-1422(2009) Kaser, A., et al. Eur. J. Immunol. 38(8):2351-2359(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	110618227
NCBI GeneID	911
NCBI Accession #	NP_001756.2
NCBI GenBank Nucleotide #	NM_001765.2
UniProt Accession #	P29017; Q5TDJ7; Q6IAS4; Q9UMM0; Q9UN96
Molecular Weight	37654
NCBI Official Full Name	T-cell surface glycoprotein CD1c
NCBI Official Synonym Full Names	CD1c molecule
NCBI Official Symbol	CD1C

NCBI Official Synonym Symbols	R7; CD1; CD1A; BDCA1
NCBI Protein Information	T-cell surface glycoprotein CD1c
UniProt Protein Name	T-cell surface glycoprotein CD1c
UniProt Gene Name	CD1C
UniProt Entry Name	CD1C_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/cd1c-antibody-western-blot-elisa/289045>