

Rabbit anti-Human CLEC10A Polyclonal Antibody | anti-CLEC10A antibody

CLEC10A Antibody (N-term)

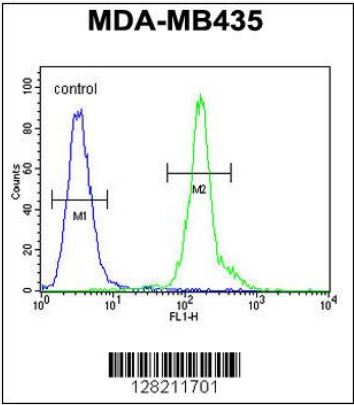
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284399	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

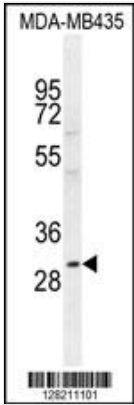
CLEC10A; Polyclonal Antibody; CLEC10A Antibody (N-term); C-type lectin domain family 10 member A; C-type lectin superfamily member 14; Macrophage lectin 2; CD301; CLECSF13; CLECSF14; HML; anti-CLEC10A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CLEC10A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CLEC10A.
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.
Sequence Positions	1-30
Sequence Length	256
Applicable Applications for anti-CLEC10A antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Function	Probable role in regulating adaptive and innate immune responses. Binds in a calcium-dependent manner to terminal galactose and N-acetylgalactosamine units, linked to serine or threonine. These sugar moieties are known as Tn-Ag and are expressed in a variety of carcinoma cells.
Cellular Location	Membrane; Single-pass type II membrane protein Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may function as a cell surface antigen. Two transcript variants encoding distinct isoforms have been identified for this gene.
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.



FCM/FACS (Flow Cytometry)
CLEC10A Antibody (N-term) (AAA284399) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
CLEC10A Antibody (N-term) (MB9202421) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the CLEC10A antibody detected the CLEC10A protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CLEC10A antibody	CLEC10A encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may function as a cell surface antigen. Two transcript variants encoding distinct isoforms have been identified for this gene.
Product Categories/Family for anti-CLEC10A antibody	Immunology
References	Davila, S., et al. Genes Immun. 11(3):232-238(2010) Iijima, M., et al. Neurology 73(17):1348-1352(2009) van Vliet, S.J., et al. PLoS Pathog. 5 (10), E1000625 (2009) : Suzuki, N., et al. J. Immunol. 156(1):128-135(1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	53832016
NCBI GeneID	10462
NCBI Accession #	NP_006335.2; NP_878910.1
NCBI GenBank Nucleotide #	NM_006344.2
UniProt Accession #	Q8IUN9; Q14538; Q6PIW3; A8K8J8
Molecular Weight	35446
NCBI Official Full Name	C-type lectin domain family 10 member A isoform 2
NCBI Official Synonym Full Names	C-type lectin domain family 10, member A
NCBI Official Symbol	CLEC10A
NCBI Official Synonym Symbols	HML; MGL; HML2; CD301; CLECSF13; CLECSF14
NCBI Protein Information	C-type lectin domain family 10 member A
UniProt Protein Name	C-type lectin domain family 10 member A

UniProt Gene Name	CLEC10A
UniProt Synonym Gene Names	CLECSF13; CLECSF14; HML
UniProt Entry Name	CLC10_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://www.aaabiotech.com/polyclonal/clec10a-antibody-flow-cytometry-western-blot-elisa/284399>