

CLEC5A antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14777

Product Information

Application	WB
Primary Accession	Q9NY25
Other Accession	NM_013252 , NP_037384
Reactivity	Human, Rat, Pig, Dog, Horse, Bovine, Yeast
Predicted	Human, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21521

Additional Information

Gene ID	23601
Alias Symbol	CLECSF5, MDL-1, MDL1, MGC138304
Other Names	C-type lectin domain family 5 member A, C-type lectin superfamily member 5, Myeloid DAP12-associating lectin 1, MDL-1, CLEC5A, CLECSF5, MDL1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-CLEC5A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	CLEC5A antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CLEC5A
Synonyms	CLECSF5, MDL1
Function	Functions as a positive regulator of osteoclastogenesis (By similarity). Cell surface receptor that signals via TYROBP (PubMed: 10449773). Regulates inflammatory responses (By similarity).
Cellular Location	Cell membrane; Single-pass type II membrane protein
Tissue Location	Highly expressed in bone marrow with lower levels in synovium, lung and bronchus (PubMed:20212065). Expressed in peripheral blood monocytes and

in the monocyte/macrophage cell lines U- 937 and Mono-Mac-6, but not in cell lines of other origins (PubMed:10449773). Expression is down-regulated when monocytes differentiate into dendritic cells (PubMed:10449773)

References

Bakker A.B.H.,et al.Proc. Natl. Acad. Sci. U.S.A. 96:9792-9796(1999).
Mueller A.,et al.Submitted (JAN-2000) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 424:157-164(2003).
Chen S.T.,et al.Nature 453:672-676(2008).
Watson A.A.,et al.J. Biol. Chem. 286:24208-24218(2011).

Images



WB Suggested Anti-CLEC5A Antibody Titration: 1.0 µg/ml
Positive Control: THP-1 Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.