

Anti-MDL-1 Antibody

Catalog # AP95779

Product Information

Application	WB, FC
Primary Accession	Q9NY25
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	21521

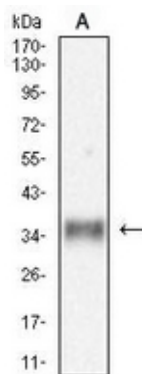
Additional Information

Gene ID	23601
Other Names	CLECSF5; MDL1; C-type lectin domain family 5 member A; C-type lectin superfamily member 5; Myeloid DAP12-associating lectin 1; MDL-1
Target/Specificity	Recombinant fusion protein of human MDL-1 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

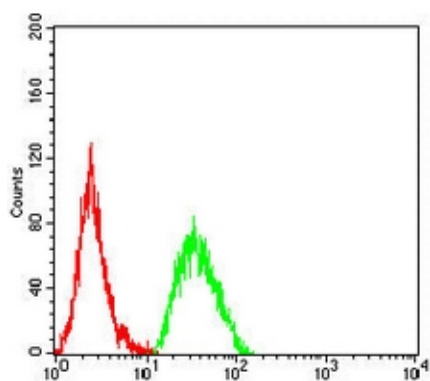
Protein Information

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)

Images



Western blot analysis of MDL-1 expression in THP1 (A) whole cell lysates. (Predicted band size: 22 kD; Observed band size: 34 kD)



Flow cytometric analysis of U937 cells using Anti-MDL-1 Antibody (green) and negative control (red).

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