

Integrin alpha L Rabbit mAb
Catalog # AP76427**Specification**

Integrin alpha L Rabbit mAb - Product Information

Application	WB, IHC-P
Primary Accession	P24063
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	128314

Integrin alpha L Rabbit mAb - Additional Information**Gene ID** 16408**Other Names**

Itgal

Dilution

WB~~1/500-1/1000

IHC-P~~N/A

Format

Liquid

Integrin alpha L Rabbit mAb - Protein Information**Name** Itgal {ECO:0000312|MGI:MGI:96606}**Synonyms** Lfa-1, Ly-15**Function**

Integrin ITGAL/ITGB2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4 (PubMed:2051027). Integrin ITGAL/ITGB2 is a receptor for F11R (By similarity). Integrin ITGAL/ITGB2 is a receptor for the secreted form of ubiquitin-like protein ISG15; the interaction is mediated by ITGAL (PubMed:29100055). Involved in a variety of immune phenomena including leukocyte-endothelial cell interaction, cytotoxic T-cell mediated killing, and antibody dependent killing by granulocytes and monocytes. Contributes to natural killer cell cytotoxicity. Involved in leukocyte adhesion and transmigration of leukocytes including T-cells and neutrophils (PubMed:16234355, PubMed:24158516). Acts as a platform at the immunological synapse to translate TCR engagement and density of the ITGAL ligand ICAM1 into graded adhesion (By similarity). Required for generation of common lymphoid progenitor cells in bone marrow, indicating the role in lymphopoiesis (PubMed:25108025). Integrin ITGAL/ITGB2 in association with ICAM3, contributes to

apoptotic neutrophil phagocytosis by macrophages.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P20701}; Single-pass type I membrane protein.

Note=Upon antigen recognition by the TCR, is recruited to lipid rafts

{ECO:0000250|UniProtKB:P20701}

Tissue Location

Leukocytes.

Integrin alpha L Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Integrin alpha L Rabbit mAb - Images

