

Integrin α D Polyclonal Antibody

Catalog # AP73643

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q13349
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	126758

Additional Information

Gene ID	3681
Other Names	ITGAD; Integrin alpha-D; ADB2; CD11 antigen-like family member D; Leukointegrin alpha D; CD11d
Dilution	WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

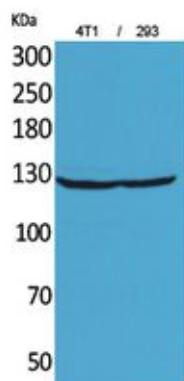
Protein Information

Name	ITGAD (HGNC:6146)
Function	Integrin alpha-D/beta-2 is a receptor for ICAM3 and VCAM1 (PubMed: 10438935 , PubMed: 8777714 , PubMed: 9841932). May play a role in the atherosclerotic process such as clearing lipoproteins from plaques and in phagocytosis of blood-borne pathogens, particulate matter, and senescent erythrocytes from the blood (Probable).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed moderately on myelomonocytic cell lines and subsets of peripheral blood leukocytes and strongly on tissue- specialized cells, including macrophages foam cells within atherosclerotic plaques, and on splenic red pulp macrophages

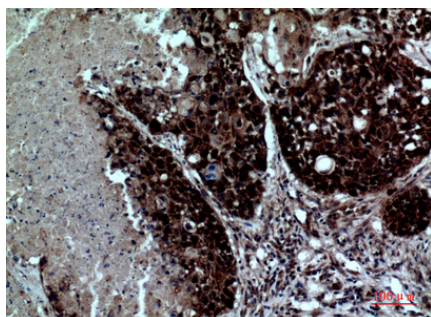
Background

Integrin alpha-D/beta-2 is a receptor for ICAM3 and VCAM1. May play a role in the atherosclerotic process such as clearing lipoproteins from plaques and in phagocytosis of blood- borne pathogens, particulate matter, and senescent erythrocytes from the blood.

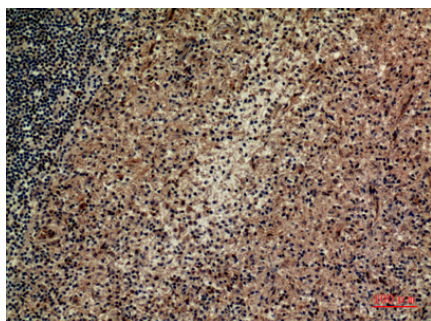
Images



Western Blot analysis of 4T1, 293 cells using Integrin αD Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-spleen, antibody was diluted at 1:100

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