
Product Name: Integrin alpha 4 Rabbit Polyclonal Antibody**Catalog #: APRab00469**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 115 kDa; Observed MW: 120 kDa

Antigen Information

Gene Name	ITGA4
Alternative Names	ITGA4; CD49D; Integrin alpha-4; CD49 antigen-like family member D; Integrin alpha-IV; VLA-4 subunit alpha; CD49d
Gene ID	3676
SwissProt ID	P13612
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human ITGA4. AA range:571-620

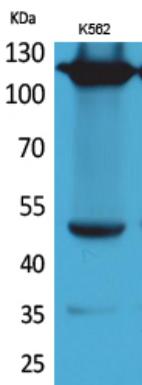
Background

ITGA4 Integrins alpha-4/beta-1 (VLA-4) and alpha-4/beta-7 are receptors for fibronectin. They recognize one or more domains within the alternatively spliced CS-1 and CS-5 regions of fibronectin. They are also receptors for VCAM1. Integrin alpha-4/beta-1 recognizes the sequence Q-I-D-S in VCAM1.

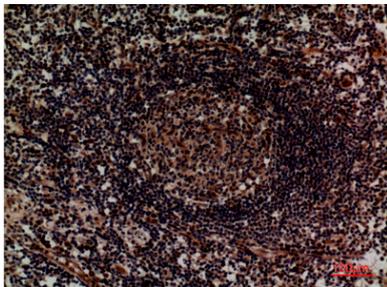
Research Area

Signal Transduction

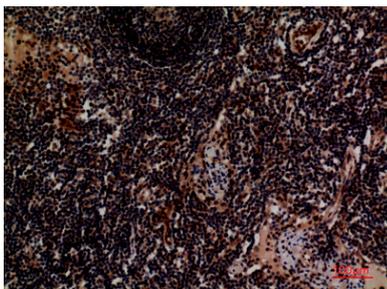
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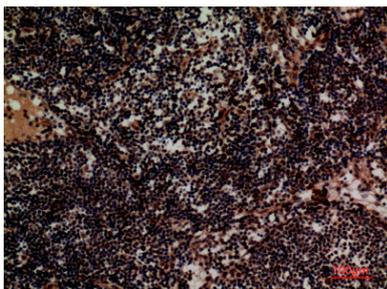
Western blot analysis of Integrin alpha 4 in K562 lysates using Integrin alpha 4 antibody.



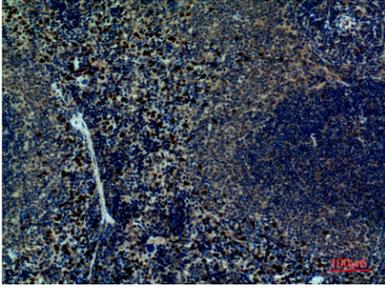
Immunohistochemistry analysis of paraffin-embedded Human lymph using Integrin alpha 4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



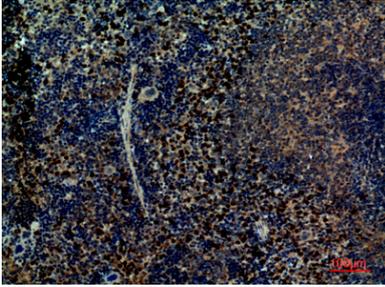
Immunohistochemistry analysis of paraffin-embedded Human lymph using Integrin alpha 4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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Immunohistochemistry analysis of paraffin-embedded mouse spleen using Integrin alpha 4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded mouse spleen using Integrin alpha 4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.