

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

Summary

Production Name	Integrin alpha 4 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

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

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000
Molecular Weight	Calculated MW: 115 kDa; Observed MW: 120 kDa

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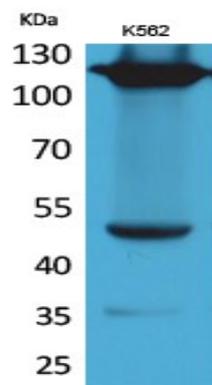
Background

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.

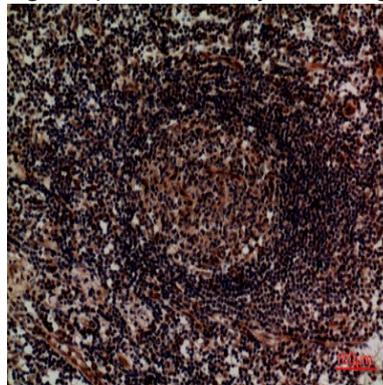
Research Area

Signal Transduction

Image Data

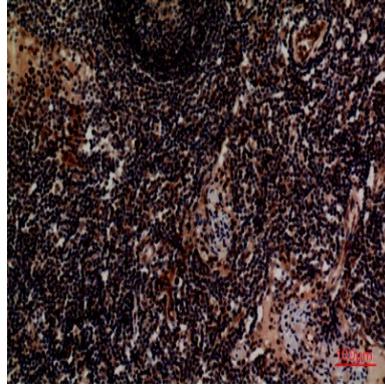


Western blot analysis of Integrin alpha 4 in K562 lysates using Integrin alpha 4 antibody.

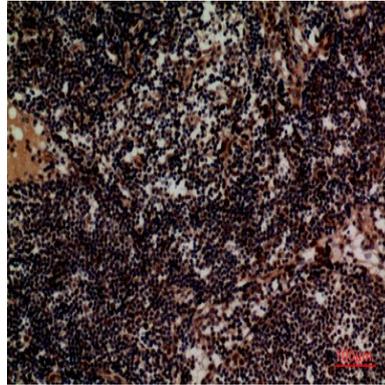


Immunohistochemistry analysis of paraffin-embedded Human lymph using Integrin alpha 4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

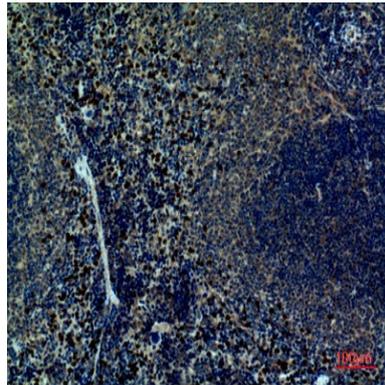
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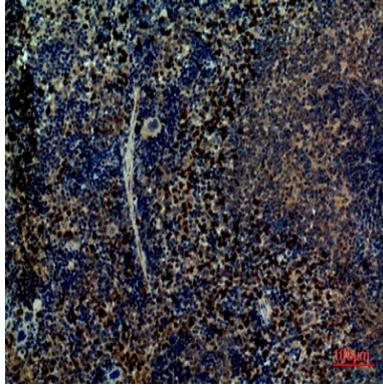


Immunohistochemistry analysis of paraffin-embedded Human lymph using Integrin alpha 4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded mouse spleen 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.

Note

For research use only.