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ITGA2 / CD49b Antibody (Extracellular Domain)

Rabbit Polyclonal Antibody

Catalog # ALS11108

Specification

ITGA2 / CD49b Antibody (Extracellular Domain) - Product Information

Application	**IHC**
Primary Accession	P17301
Reactivity	**Human, Monkey, Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**129kDa KDa**

ITGA2 / CD49b Antibody (Extracellular Domain) - Additional Information

Gene ID 3673

Other Names
Integrin alpha-2, CD49 antigen-like family member B, Collagen receptor, Platelet membrane glycoprotein Ia, GPIa, VLA-2 subunit alpha, CD49b, ITGA2, CD49B

Target/Specificity
Human ITGA2 / CD49b. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
ITGA2 / CD49b Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

ITGA2 / CD49b Antibody (Extracellular Domain) - Protein Information

Name ITGA2

Synonyms CD49B

Function
Integrin alpha-2/beta-1 is a receptor for laminin, collagen, collagen C-propeptides, fibronectin and E-cadherin. It recognizes the proline-hydroxylated sequence G-F-P-G-E-R in collagen. It is responsible for adhesion of platelets and other cells to collagens, modulation of collagen and collagenase gene expression, force generation and organization of newly synthesized extracellular matrix. (Microbial infection) Integrin ITGA2:ITGB1 acts as a receptor for Human echoviruses 1 and 8.

Cellular Location
Membrane; Single-pass type I membrane protein.

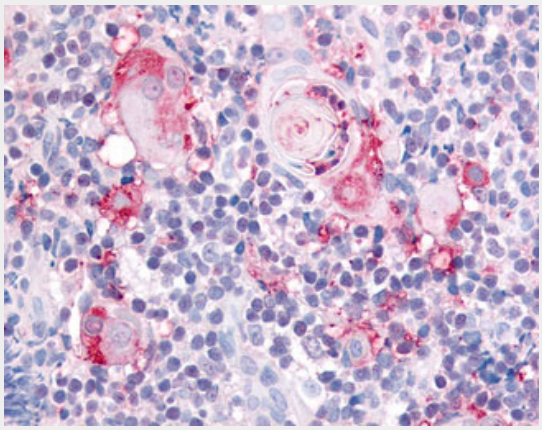
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ITGA2 / CD49b Antibody (Extracellular Domain) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ITGA2 / CD49b Antibody (Extracellular Domain) - Images



Anti-ITGA2 / CD49b antibody ALS11108 IHC of human thymus, medulla.

ITGA2 / CD49b Antibody (Extracellular Domain) - Background

Integrin alpha-2/beta-1 is a receptor for laminin, collagen, collagen C-propeptides, fibronectin and E-cadherin. It recognizes the proline-hydroxylated sequence G-F-P-G-E-R in collagen. It is responsible for adhesion of platelets and other cells to collagens, modulation of collagen and collagenase gene expression, force generation and organization of newly synthesized extracellular matrix.

ITGA2 / CD49b Antibody (Extracellular Domain) - References

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