

Anti-ITGA3 / CD49c Antibody (clone P1B5)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS18292**Specification**

Anti-ITGA3 / CD49c Antibody (clone P1B5) - Product Information

Application	IHC-P, IF, IP, FC
Primary Accession	P26006
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG
Calculated MW	116612

Anti-ITGA3 / CD49c Antibody (clone P1B5) - Additional Information**Gene ID** 3675**Alias Symbol** ITGA3**Other Names**

ITGA3, Alpha3 integrin, CD49c antigen, CD49C, GAPB3, Integrin alpha-3, FRP-2, VCA-2, VLA-3 subunit alpha, VL3A, VLA3a, Galactoprotein B3, GAP-B3, ILNEB, Integrin alpha3, MSK18

Reconstitution & Storage

Protein G purified

Precautions

Anti-ITGA3 / CD49c Antibody (clone P1B5) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-ITGA3 / CD49c Antibody (clone P1B5) - Protein Information**Name** ITGA3**Synonyms** MSK18**Function**

Integrin alpha-3/beta-1 is a receptor for fibronectin, laminin, collagen, epiligrin, thrombospondin and CSPG4. Integrin alpha- 3/beta-1 provides a docking site for FAP (seprase) at invadopodia plasma membranes in a collagen-dependent manner and hence may participate in the adhesion, formation of invadopodia and matrix degradation processes, promoting cell invasion. Alpha-3/beta-1 may mediate with LGALS3 the stimulation by CSPG4 of endothelial cells migration.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Cell membrane; Lipid- anchor. Cell projection, invadopodium membrane; Single-pass type I membrane protein. Cell projection, filopodium membrane; Single-pass type I membrane protein. Note=Enriched preferentially at invadopodia, cell membrane protrusions that correspond to sites of cell invasion, in a

collagen-dependent manner.

Tissue Location

Isoform 1 is widely expressed. Isoform 2 is expressed in brain and heart. In brain, both isoforms are exclusively expressed on vascular smooth muscle cells, whereas in heart isoform 1 is strongly expressed on vascular smooth muscle cells, isoform 2 is detected only on endothelial vein cells.

Anti-ITGA3 / CD49c Antibody (clone P1B5) - 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](#)

Anti-ITGA3 / CD49c Antibody (clone P1B5) - Images