

Anti-ITGA3 / CD49c Antibody (aa482-531)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18372

Product Information

Application	WB, IHC-P, E
Primary Accession	P26006
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	116612

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
Target/Specificity	Integrin alpha 3 antibody detects endogenous levels of Integrin alpha 3.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-ITGA3 / CD49c Antibody (aa482-531) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

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