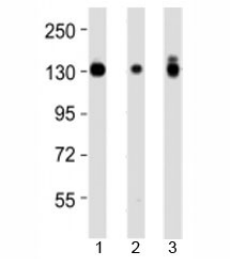
Integrin alpha 3 Antibody (F53345)

Catalog No.	Formulation	Size
F53345-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53345-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P26006
Applications	Western blot: 1:2000-4000
Limitations	This Integrin alpha 3 antibody is available for research use only.



Western blot testing of Integrin alpha 3 antibody at 1:4000 dilution and 1) A431 lysate, 2) HeLa lysate, and 3) PC3 lysate at 1:2000. Expected molecular weight: 119-150 kDa depending on glycosylation level.

Description

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.

For an alternative antibody targeting the same cell adhesion receptor, see our ITGA3 Antibody.

Application Notes

Titration of the Integrin alpha 3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This Integrin alpha 3 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 165-199 amino acids from the N-terminal region of human ITGA3.

Storage

Aliquot the Integrin alpha 3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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