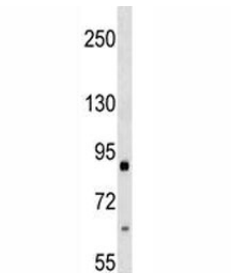
Integrin beta 2 Antibody (F46195)

Catalog No.	Formulation	Size
F46195-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F46195-0.08ML	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	P05107
Applications	Western blot: 1:1000
Limitations	This Integrin beta 2 antibody is available for research use only.



Integrin beta 2 antibody western blot analysis in 293 lysate. Predicted/Observed molecular weight: 85~95KD depending on glycosylation level.

Description

The product of this gene belongs to the integrin beta chain family of proteins. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. This gene encodes the integrin beta chain beta 2. A given chain may combine with multiple partners resulting in different integrins. For example, beta 2 combines with the alpha L chain to form the integrin LFA-1, and combines with the alpha M chain to form the integrin Mac-1. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. Defects in this gene are the cause of leukocyte adhesion deficiency type I (LAD1). Two transcript variants encoding the same protein have been identified for this gene.

For a broader CD18-focused reagent, see our CD18 Antibody / ITGB2 Polyclonal Antibody page.

Application Notes

Titration of the Integrin beta 2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This Integrin beta 2 antibody was produced from rabbits immunized with a recombinant ITGB2/CD18 protein.

Storage

Aliquot the Integrin beta 2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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