

Integrin beta 1 Antibody / ITGB1 / CD29 (R31512)

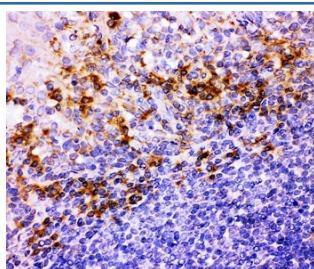
Catalog No.	Formulation	Size
R31512	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

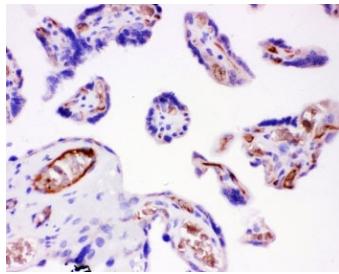
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	3688
Localization	Cell membrane, cytoplasm
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This Integrin beta 1 antibody is available for research use only.



Western blot testing of Integrin beta 1 antibody and HeLa lysate; Predicted molecular weight: 88/130~150 kDa (unmodified/glycosylated).



IHC-P: Integrin beta 1 antibody testing of human tonsil tissue



IHC-P: Integrin beta 1 antibody testing of human placenta tissue

Description

Integrin beta-1, also known as CD29, is a protein that in humans is encoded by the ITGB1 gene. It is an integrin unit associated with very late antigen receptors. It is known to conjoin with the alpha-3 subunit to create alpha3beta1 complex that reacts to such molecules as netrin-1 and reelin. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. The protein encoded by this gene is a beta subunit.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Integrin beta 1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 527-728) was used as the immunogen for this Integrin beta 1 antibody.

Storage

After reconstitution, the Integrin beta 1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.