

## Integrin beta 1 Antibody / ITGB1 / CD29 (R31512)

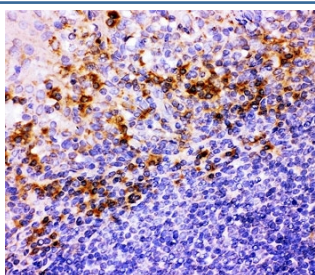
Catalog No.	Formulation	Size
R31512	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

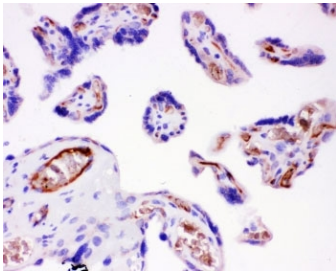
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>Gene ID</b>	3688
<b>Localization</b>	Cell membrane, cytoplasm
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.