

Product Datasheet

Integrin beta 1/CD29 Antibody (JB1B) - BSA Free NB100-64804

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-64804

Integrin beta 1/CD29 Antibody (JB1B) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JB1B
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	3688
Gene Symbol	ITGB1
Species	Human, Porcine, Primate, Rat (Negative)
Reactivity Notes	Reacts with Human. Cross reacts with Cynomolgus monkey and Rhesus Monkey. Does not react with Rat. Reacts weakly with Pig.
Marker	Stem Cell Marker
Specificity/Sensitivity	NB100-64804 reacts with Human Integrin beta1 as confirmed with beta1 transfectants and by reciprocal preclearing of beta1 reactivity with anti-beta1. The antibody stimulates the adherence of several cell types. The removal of azide is recommended prior to use in functional assays.
Immunogen	Purified Human beta1 integrin

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, ELISA 0.1 ug/ml-1 ug/ml, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1-5 ug, Immunohistochemistry-Frozen 5 ug/ml

Publications

Bottcher RT, Strohmeyer N, Aretz J, Fassler R New insights into the phosphorylation of the threonine motif of the beta1 integrin cytoplasmic domain Life science alliance 2022-04-01 [PMID: 34996844]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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