

Product Datasheet

Integrin beta 1/CD29 Antibody (BV7) NBP1-42381

Unit Size: 0.2 ml

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

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NBP1-42381

Integrin beta 1/CD29 Antibody (BV7)

Product Information	
Unit Size	0.2 ml
Concentration	0.1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	BV7
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	PBS with 0.1% BSA
Product Description	
Host	Mouse
Gene ID	3688
Gene Symbol	ITGB1
Species	Human
Reactivity Notes	Human
Marker	Stem Cell Marker
Specificity/Sensitivity	This monoclonal antibody (subclass IgG1) binds to human b1-integrin chain present on tumour cells. BV7 is active on HT-29 colon carcicoma cells and on HCCP-2998 tumor cells. BV7 binds to several other tumor cells (MG3 osteosarcoma, A375 melanoma, MHCC-1410 and Lovo colon carcinoma) but does not affect adhesion to endothelial cells.
Immunogen	The antibody reacts with the beta 1 Integrin antigen.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunoprecipitation 1:10-1:500
Application Notes	The antibody can be used for immunoassays, Western Blots, immunoprecipitation and for purification and flow cytometry and inhibition in biological assays. For flow cytometry and Western blotting dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10. For neutralization of





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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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