

Product Datasheet

Integrin beta 1/CD29 Antibody (DF7) NBP1-42318

Unit Size: 0.05 mg

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

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NBP1-42318**Integrin beta 1/CD29 Antibody (DF7)**

Product Information	
Unit Size	0.05 mg
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	DF7
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	PBS solution containing 1.0% w/v BSA
Product Description	
Host	Mouse
Gene ID	3688
Gene Symbol	ITGB1
Species	Human, Rat
Marker	Stem Cell Marker
Specificity/Sensitivity	The antibody reacts with the b1 subunit of the integrin protein family. The monoclonal antibody reacts with an extracellular epitope of the b1 integrin molecule. b1 -Integrins mediate cell-extracellular matrix interactions and share a common b-subunit. Monoclonal antibodies against this b1 -Integrin subunit are applicable in paraffin-embedded and frozen sections, immunoblotting and immunoprecipitation. Numerous studies have shown that b1 -Integrins have a distinct and wide cellular distribution and that there are alterations in malignant cells in their b1-integrin expression. Monoclonal antibody to b1 integrin is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells. Wheat germ agglutinin binding glycoproteins of human fibroblasts were used as immunogen.
Immunogen	The antibody reacts with the b1 subunit of the integrin protein family.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:100-1:2000
Application Notes	Immunohistochemical stainings, western blotting and other immunoassays for cellular and tumor biology. Working dilution in western blotting is at least 1:1000.





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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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