

Product Datasheet

Integrin alpha 3B Antibody (PB36) - BSA Free NBP1-97731

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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NBP1-97731

Integrin alpha 3B Antibody (PB36) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PB36
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	PBS, pH 7.2

Product Description	
Description	The antibody is shipped at ambient temperature and may be stored at 4C. For prolonged storage prepare appropriate aliquots and store at or below -20C. Prior to use, an aliquot is thawed slowly in the dark at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at 4C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance or the concentration of the product.
Host	Mouse
Gene ID	3675
Gene Symbol	ITGA3
Species	Human
Reactivity Notes	A broad species reactivity is expected based on the conserved nature of the epitope.
Specificity/Sensitivity	This antibody recognizes the cytoplasmic domain of integrin subunits Integrin alpha 3B and Integrin alpha 6B. It reacts with the basement membrane zone and endothelial cells in skin, tubuli in kidney and all vascular and capillary endothelia in brain and heart.
Immunogen	Derived by fusion of SP2/0 Mouse myeloma cells with spleen cells from a BALB/c Mouse immunized with a synthetic peptide corresponding to a 32 amino acid stretch in the cytoplasmic domain of Integrin alpha 3B including an appending N-terminal cysteine (CTRYQIMPKYHAVRIREEERYPPPGSTLPTKK) coupled to keyhole limpet hemocyanin.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:100-1:500, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:50-1:100

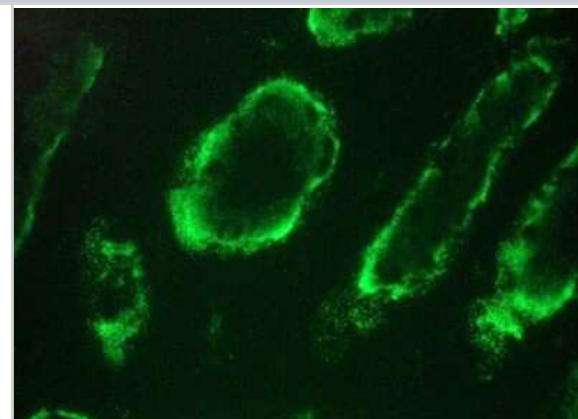


Application Notes

This antibody is suitable for immunoblotting, immunocytochemistry and immunohistochemistry on frozen tissues. Optimal antibody dilution should be determined by titration; recommended range is 1:50 - 1:100 for immunohistochemistry with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent, and 1:100 - 1:500 for immunoblotting applications.

Images

Immunocytochemistry/Immunofluorescence: Integrin alpha 3B Antibody (PB36) [NBP1-97731] - Immunohistochemistry on frozen section of human kidney





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Products Related to NBP1-97731

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-97731UV	Integrin alpha 3B Antibody (PB36) [DyLight 350]

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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