

Product Datasheet

Plakophilin-3 Antibody (23E3/4) - BSA Free NBP1-97674

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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NBP1-97674

Plakophilin-3 Antibody (23E3/4) - 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	23E3/4
Preservative	0.09% Sodium Azide
Isotype	IgG2b
Purity	Protein A or G purified
Buffer	PBS
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	11187
Gene Symbol	PKP3
Species	Human, Mouse, Canine
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	This antibody reacts with an epitope located between residues 570-589 in Human plakophilin-3.
Immunogen	This antibody is a mouse monoclonal IgG2b antibody derived by fusion of Mouse myeloma cells with spleen cells from a Mouse immunized with a synthetic peptide corresponding to amino acid residues 570-589 of Human plakophilin-3 coupled to keyhole limpet hemocyanin via an additional cysteine residue at the N-terminus (CFTPQSRRLRELPLAADALTF).
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:25-1:200, Immunohistochemistry-Frozen 1:25-1:200

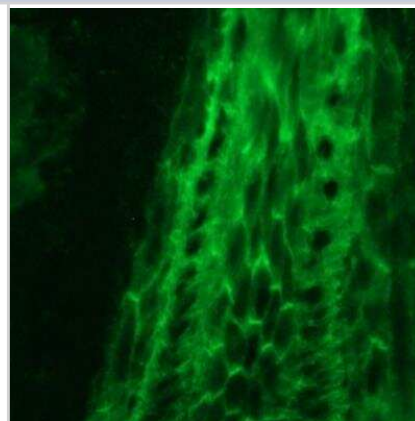


Application Notes

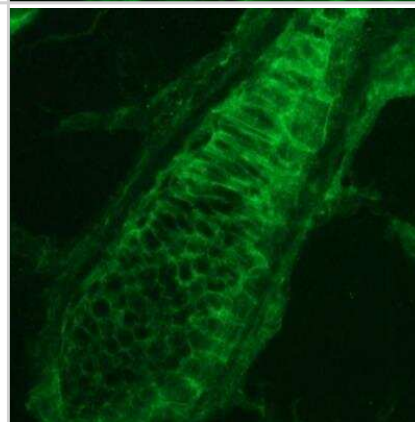
This antibody is suitable for immunocytochemistry (methanol- and paraformaldehyde-fixed cells), immunohistochemistry on frozen and paraffin-embedded tissues, immunoprecipitation and Western blot detection. For optimal results, fixed cells and frozen tissues should be treated with 0.2% Triton-X 100 for, respectively, 5 min and 15 min prior to incubation with primary antibody. Optimal antibody dilution should be determined by titration; recommended range is 1:25 - 1:200 for immunohistochemistry with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent, and 1:100 - 1:1000 for immunoblotting applications.

Images

Immunohistochemistry: Plakophilin-3 Antibody (23E3/4) [NBP1-97674] - IHC localization of plakophilin-3 in hair root sheath of dog skin.



Immunohistochemistry: Plakophilin-3 Antibody (23E3/4) [NBP1-97674] - IHC localization of plakophilin-3 in hair root sheath of dog skin.





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Products Related to NBP1-97674

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-97674UV	Plakophilin-3 Antibody (23E3/4) [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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