

Product Datasheet

KCNMB2 Antibody (S53-32) - BSA Free NBP2-12917-0.025mg

Unit Size: 0.025 mg

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

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NBP2-12917-0.025mg

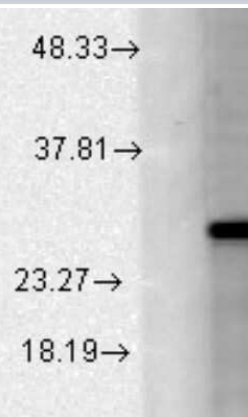
KCNMB2 Antibody (S53-32) - BSA Free

Product Information	
Unit Size	0.025 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	S53-32
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Host	Mouse
Gene ID	10242
Gene Symbol	KCNMB2
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects approx 27kDa. No cross-reactivity against BKBeta1, BKBeta3 or BKBeta4.
Immunogen	Fusion protein amino acids 1-41 (N-terminus) and 218-235 (C-terminus) of mouse BKBeta2
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Microarray
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Microarray
Application Notes	1 ug/ml of BK Beta 2 Antibody was sufficient for detection of BK Channel beta2 in 10 ug of COS-1 cells transiently transfected with KBeta2 lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

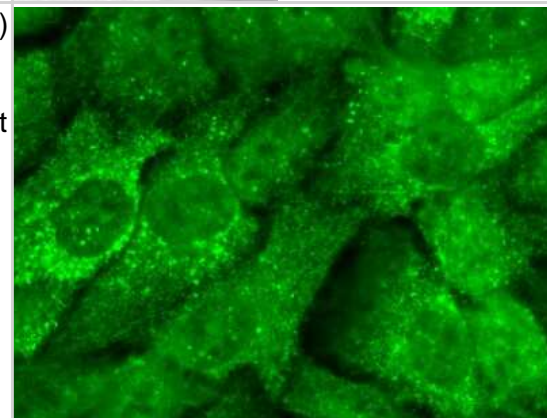


Images

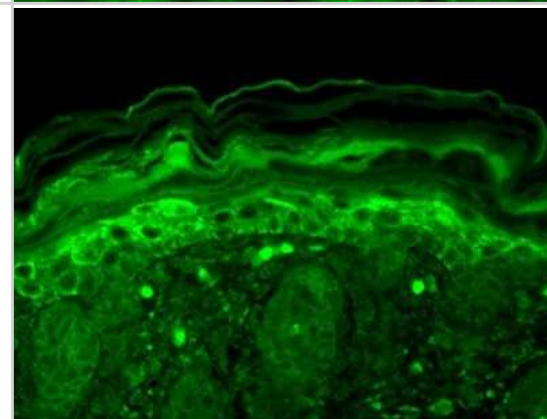
Western Blot: KCNMB2 Antibody (S53-32) [NBP2-12917] - analysis of Human Cell line lysates showing detection of BK Beta2 Potassium Channel protein using Mouse Anti-BK Beta2 Potassium Channel Monoclonal Antibody, Clone S53-32 . Load: 15 ug protein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-BK Beta2 Potassium Channel Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



Immunocytochemistry/Immunofluorescence: KCNMB2 Antibody (S53-32) [NBP2-12917] - Tissue: HaCaT cells. Species: Human. Fixation: Cold 100% methanol for 10 minutes at -20C. Primary Antibody: Mouse Anti-BK Beta2 Potassium Channel Monoclonal Antibody at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Dottedness and dull.



Immunohistochemistry-Paraffin: KCNMB2 Antibody (S53-32) [NBP2-12917] - . Tissue: backskin. Species: Mouse. Fixation: Bouins Fixative and paraffin-embedded. Primary Antibody: Mouse Anti-BK Beta2 Potassium Channel Monoclonal Antibody at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Lower epidermal cells positive, but quite dull.





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Products Related to NBP2-12917-0.025mg

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)
291-G1-200	IGF-I/IGF-1 [Unconjugated]

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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