

Product Datasheet

Protocadherin gamma C3 Antibody (S174B-27) NBP2-42203-0.025mg

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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NBP2-42203-0.025mg

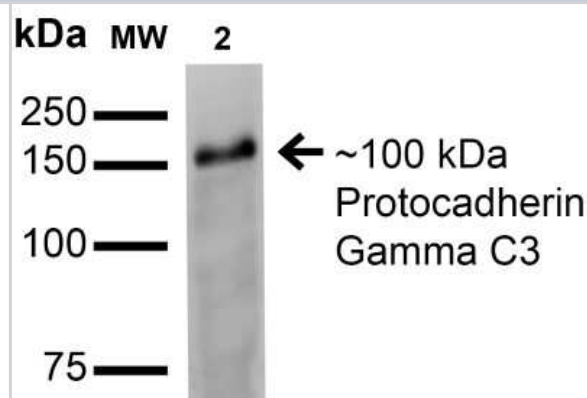
Protocadherin gamma C3 Antibody (S174B-27)

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	S174B-27
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Host	Mouse
Gene ID	5098
Gene Symbol	PCDHGC3
Species	Human, Mouse
Reactivity Notes	Immunogen displays sequence identity for non-tested species: Human.
Specificity/Sensitivity	No significant identity with other Gamma-protocadherin proteins. Detects approx 100kDa.
Immunogen	Fusion protein amino acids 720-804 (variable cytoplasmic domain) of mouse Gamma- protocadherin-C3. Human: 97% identity (83/85 amino acids identical). Rat: 97% identity (83/85 amino acids identical). No significant identity with other Gamma-protocadherin proteins.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/Immunofluorescence
Application Notes	1 ug/ml of Protocadherin Gamma C3 Antibody was sufficient for detection of Protocadherin Gamma C3 in 20 ug of COS cell lysate (transiently transfected with GFP-tagged Protocadherin Gamma C3 plasmids) by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

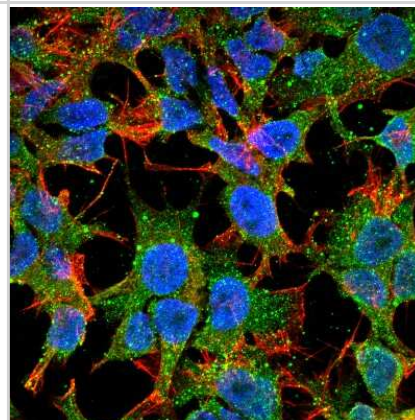


Images

Western Blot: Protocadherin gamma C3 Antibody (S174B-27) [NBP2-42203] - analysis of Monkey COS cells transfected with GFP-tagged Gamma-cadherin-C3 showing detection of 100 kDa Protocadherin Gamma C3 protein using Mouse Anti-Protocadherin Gamma C3 Monoclonal Antibody, Clone S174B-27 . Lane 1: Molecular Weight Ladder. Lane 2: Monkey COS cells transfected with GFP-tagged Gamma-cadherin-C3. Load: 15 ug . Block: 2% BSA and 2% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-Protocadherin Gamma C3 Monoclonal Antibody at 1:200 for 16 hours at 4C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:1000 for 1 hour RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: 100 kDa.



Immunocytochemistry/Immunofluorescence: Protocadherin gamma C3 Antibody (S174B-27) [NBP2-42203] - Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Protocadherin Gamma C3 Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Cell Membrane. Magnification: 60X.





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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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