

# Product Datasheet

## PEX6 Antibody (S233-8)

### NBP2-42199-0.025mg

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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**NBP2-42199-0.025mg**

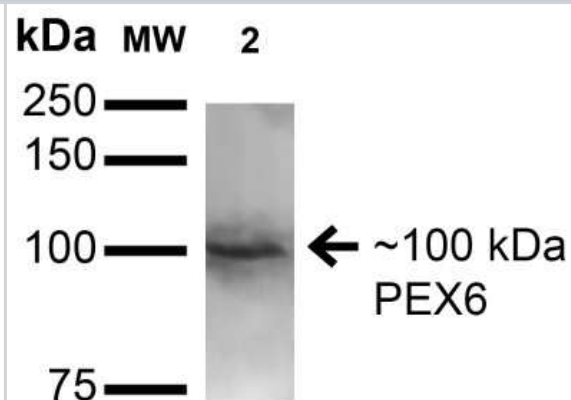
PEX6 Antibody (S233-8)

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	S233-8
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Host	Mouse
Gene ID	5190
Gene Symbol	PEX6
Species	Human, Rat
Reactivity Notes	Immunogen displays sequence identity for non-tested species: Rat.
Specificity/Sensitivity	Less than 50% identity with other PEX proteins. Detects approx 100kDa.
Immunogen	Fusion protein amino acids 2-294 (N-terminus) of human PEX6. Rat: 82% identity (243/293 amino acids identical). Mouse: 82% identity (244/294 amino acids identical). <50% identity with other PEX proteins.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:10-1:500
Application Notes	1 ug/ml of PEX6 Antibody was sufficient for detection of PEX6 in 20 ug of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

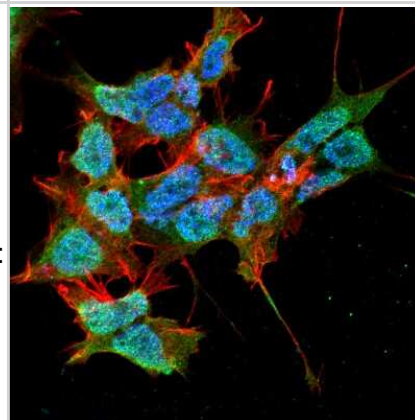


## Images

Western Blot: PEX6 Antibody (S233-8) [NBP2-42199] - analysis of Rat Brain showing detection of 100 kDa PEX6 protein using Mouse Anti-PEX6 Monoclonal Antibody, Clone S233-8 . Lane 1: Molecular Weight Ladder. Lane 2: Rat Brain. Load: 15 ug . Block: 2% BSA and 2% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-PEX6 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: PEX6 Antibody (S233-8) [NBP2-42199] - Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-PEX6 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 60 min RT, 5 min RT. Localization: Cytoplasm, Peroxisome, Peroxisome Membrane, Nucleus. 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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