

# Product Datasheet

## ORP150/HSP12A Antibody (6E3-2C3) - BSA Free NBP2-59345

Unit Size: 100 ug

Store at -20C.

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**NBP2-59345**

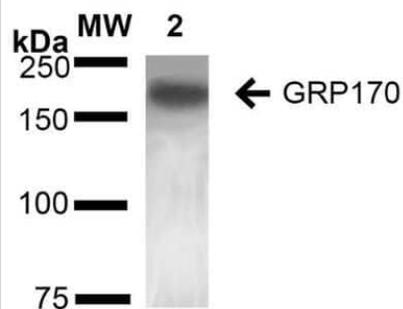
ORP150/HSP12A Antibody (6E3-2C3) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6E3-2C3
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.4), 50% Glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse ORP150/HSP12A Antibody (6E3-2C3) - BSA Free (NBP2-59345) is a monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	10525
<b>Gene Symbol</b>	HYOU1
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Detects 170 kDa.
<b>Immunogen</b>	Recombinant Full length GRP170 Protein
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100

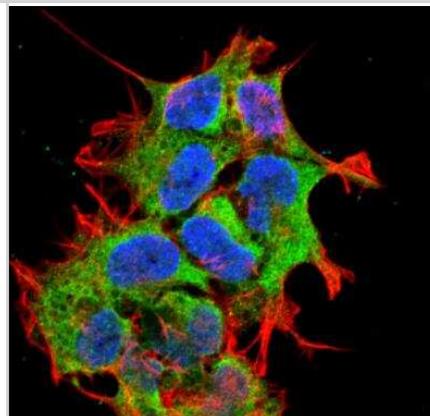


## Images

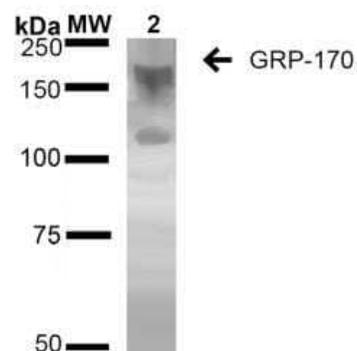
Western Blot: ORP150/HSP12A Antibody (6E3-2C3) [NBP2-59345] - Western Blot analysis of Rat Liver showing detection of ~170 kDa ORP150/HSP12A protein using Mouse Anti-ORP150/HSP12A Monoclonal Antibody, Clone 6E3-2C3 (NBP2-59345). Lane 1: Molecular Weight Ladder (MW). Lane 2: Rat Liver cell lysate. Load: 20 ug. Block: 2% BSA and 2% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-ORP150/HSP12A Monoclonal Antibody (NBP2-59345) at 1:1000 for 16 hours at 4C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:100 for 60 min at RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: ~170 kDa.



Immunocytochemistry/Immunofluorescence: ORP150/HSP12A Antibody (6E3-2C3) [NBP2-59345] - Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-GRP170 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: Endoplasmic Reticulum, Endoplasmic Reticulum Lumen. Magnification: 60X.



Western Blot: ORP150/HSP12A Antibody (6E3-2C3) [NBP2-59345] - Analysis of Human HEK-293 cell lysate showing detection of ~170 kDa GRP170 protein using Mouse Anti-GRP170 Monoclonal Antibody, Clone 6E3-2C2. Lane 1: Molecular Weight Ladder (MW). Lane 2: HEK-293 cell lysate. Load: 20 ug. Block: 2% BSA and 2% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-GRP170 Monoclonal Antibody at 1:1000 for 16 hours at 4 degrees C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:100 for 60 min at RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: ~170 kDa. Other Band(s): 100 kDa.





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### **Products Related to NBP2-59345**

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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)
H00010525-P01-10ug	Recombinant Human ORP150/HSP12A GST (N-Term) Protein

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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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