

# Product Datasheet

## GRP78/HSPA5 Antibody (3G12-1G11) - BSA Free NBP2-59693-25ug

Unit Size: 25 ug

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

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**NBP2-59693-25ug**

GRP78/HSPA5 Antibody (3G12-1G11) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	25 ug
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3G12-1G11
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.4), 50% Glycerol
<b>Target Molecular Weight</b>	78 kDa

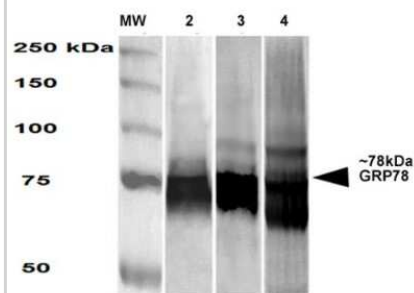
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3309
<b>Gene Symbol</b>	HSPA5
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Detects approx 33 kDa protein.
<b>Immunogen</b>	Full-length recombinant rat GRP78

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000, ELISA, Immunocytochemistry/ Immunofluorescence 1:100
<b>Application Notes</b>	1 ug/ml of this antibody was sufficient for detection of GRP78 in 20 ug of HEK-293 lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.

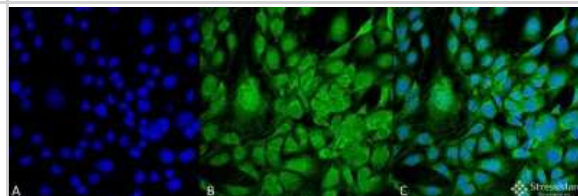


## Images

Western Blot: GRP78/HSPA5 Antibody (3G12-1G11) [NBP2-59693] - Analysis of Human, Mouse, Rat HEK-293, NIH3T3, and Rat Brain cell lysates showing detection of GRP78 protein using Mouse Anti-GRP78 Monoclonal Antibody, Clone 3G12-1G11 . Primary Antibody: Mouse Anti-GRP78 Monoclonal Antibody at 1:1000.



Immunocytochemistry/Immunofluorescence: GRP78/HSPA5 Antibody (3G12-1G11) [NBP2-59693] - Analysis using Mouse Anti-GRP78 Monoclonal Antibody, Clone 3G12-1G11 . Tissue: Fibroblast cell line (NIH 3T3). Species: Mouse. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-GRP78 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: DAPI (blue) nuclear stain at 1:5000 for 5 min RT. Localization: Endoplasmic Reticulum, Endoplasmic Reticulum Lumen . Magnification: 60X.





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### **Products Related to NBP2-59693-25ug**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00003309-P01-10ug	Recombinant Human GRP78/HSPA5 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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