

Product Datasheet

GRP78 Antibody: FITC (orb181938)

Catalog Number	orb181938
Category	Antibodies
Description	Mouse monoclonal antibody against GRP78, conjugated to FITC.
Target	GRP78
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1 Kappa
Conjugation	FITC
Reactivity	Human, Mouse, Rat
Concentration	1 mg/ml
Buffer/Preservatives	640.91mM DMSO, 136.36mM Ethanolamine, 9.09mM Sodium Bicarbonate in 90.9% PBS
Purification	Protein G Purified
Immunogen	Full-length recombinant rat GRP78
UniProt ID	P06761
MW	78kDa
Tested applications	ICC, IF, IHC
Dilution range	WB (1:1000), ICC/IF (1:100)

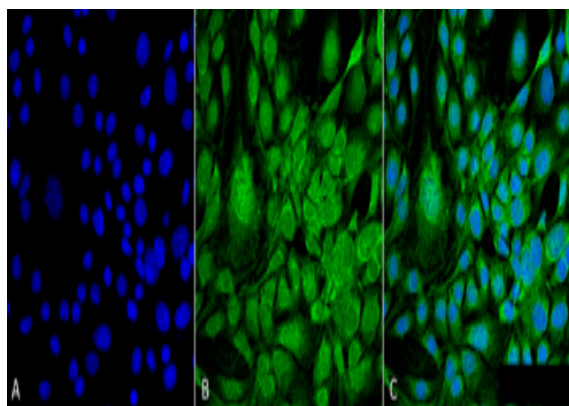
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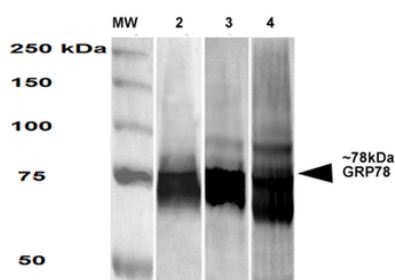
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Application notes	1 µg/ml of SMC-211 was sufficient for detection of GRP78 in 20 µg of HEK-293 lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Clone Number	3G12-1G11
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Entrez	25617
NCBI	NP_037215.1
Expiration Date	12 months from date of receipt.



Immunocytochemistry/Immunofluorescence 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.



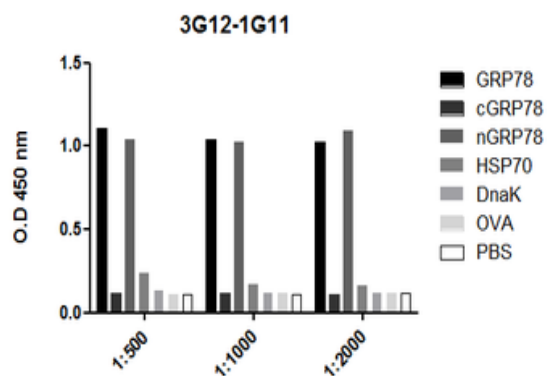
Western Blot analysis of Human, Mouse, Rat HEK-293, NIH3T3, and Rat Brain cell lysates showing detection of GRP78 protein using Mouse Anti-GRP78 Monoclonal Antibody, Clone 3G12-1G11. Primary Antibody: Mouse Anti-GRP78 Monoclonal Antibody at 1:1000.

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ELISA analysis using Mouse Anti-GRP78 Monoclonal Antibody, Clone 3G12-1G11. Primary Antibody: Mouse Anti-GRP78 Monoclonal Antibody.

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