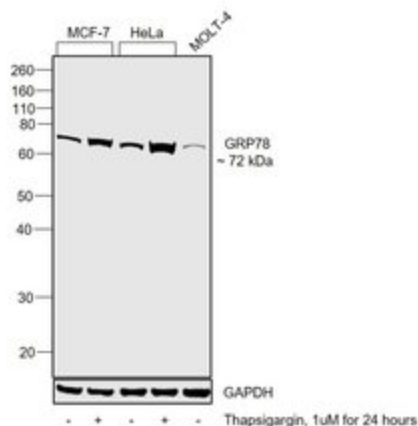


GRP78 Monoclonal Antibody (1H11-1H7)

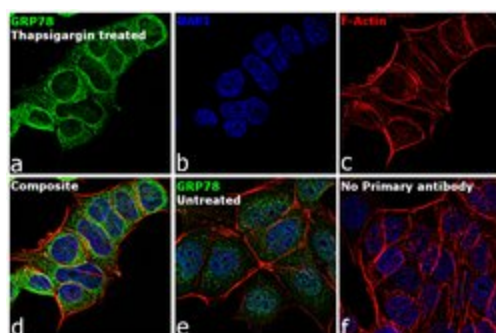
Product Details	
Size	100 µg
Species Reactivity	Bovine, Human, Mouse, Rabbit, Rhesus monkey, Rat, Xenopus, Yeast
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	1H11-1H7
Conjugate	Unconjugated
Immunogen	His-tagged human GRP78
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.09% sodium azide
Storage Conditions	-20°C
RRID	AB_2735208

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:100	-
Immunofluorescence (IF)	1:100	-
Western Blot (WB)	1:2000	-



GRP78 Antibody (MA5-27686)

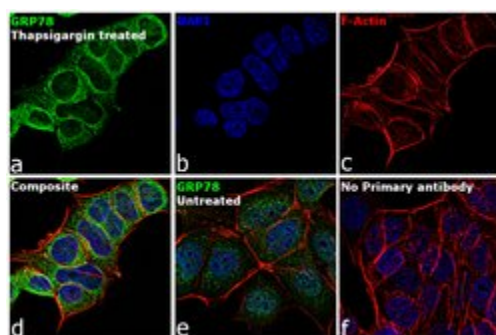
Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot using GRP78 Monoclonal Antibody (1H11-1H7) (Product # MA5-27686), shows increased expression of protein in MCF7 and HeLa cell lines upon Thapsigargin treatment. Cell treatment validation info.



GRP78 Antibody (MA5-27686)

Altered expression of target protein upon cell treatment demonstrates antibody specificity. Immunofluorescence analysis of GRP78 using Anti-GRP78 Mouse Monoclonal Antibody (Product # MA5-27686) shows increased expression of protein in MCF7 cell line upon treatment with Thapsigargin. Cell treatment validation info.

Product Images For GRP78 Monoclonal Antibody (1H11-1H7)



GRP78 Antibody (MA5-27686) in IF

Immunofluorescence analysis of GRP78 was performed using 70% confluent log phase MCF7 cells and MCF7 cells treated with 1µM of Thapsigargin for 24 hours. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with GRP78 Mouse Monoclonal Antibody (1H11-1H7) (Product # MA5-27686) at 5 microgram/ml in 0.1% BSA, incubated at 4 degree Celsius overnight and then with Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A28175) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing strong cytoplasmic localization. Panel e shows untreated cells with weak cytoplasmic signal. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

View more figures on thermofisher.com

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.