

# GRP78 Monoclonal Antibody (1H11-1H7), APC

Product Details	
Size	100 µg
Species Reactivity	Bovine, Fungi, Hamster, Human, Mouse, Non-human primate, Rabbit, Rat, Xenopus
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	1H11-1H7
Conjugate	APC
Excitation/Emission Max	651/660 nm
Immunogen	His-tagged human GRP78
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	47.35mM phosphate/2.15mM MES, pH 7.4, with 1.033mM EDTA
Contains	no preservative
Storage conditions	4° C

Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000	-
Immunocytochemistry (ICC/IF)	1:100	-
ELISA (ELISA)	1:10,000	-

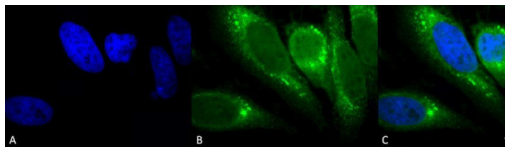
## Product Specific Information

0.5 µg/mL of MA5-45276 was sufficient for detection of Grp78 in 10 µg of rat tissue lysate by ECL immunoblot analysis.  
|Detects approximately 78kDa.

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

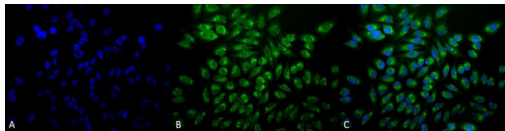
GRP78 Antibody (MA5-45276) in ICC/IF

Immunocytochemistry/Immunofluorescence analysis using human heat shocked cervical cancer cells. Fixation involved 2% Formaldehyde for 20 min at RT. Samples were incubated with GRP78 monoclonal antibody (Product # MA5-45276) at 1:100 for 12 hours at 4°C, followed by FITC Goat Anti-Mouse (green) at 1:200 for 2 hours at RT. Counterstain used was DAPI (blue) nuclear stain at 1:40,000 for 2 hours at RT. Localization: Endoplasmic reticulum lumen. Melanosome. Magnification: 100x. (A) DAPI (blue) nuclear stain. (B) Anti-GRP78 antibody. (C) Composite. Heat Shocked at 42°C for 1h.



GRP78 Antibody (MA5-45276) in ICC/IF

Immunocytochemistry/Immunofluorescence analysis using human heat shocked cervical cancer cells. Fixation involved 2% Formaldehyde for 20 min at RT. Samples were incubated with GRP78 monoclonal antibody (Product # MA5-45276) at 1:100 for 12 hours at 4°C, followed by FITC Goat Anti-Mouse (green) at 1:200 for 2 hours at RT. Counterstain used was DAPI (blue) nuclear stain at 1:40,000 for 2 hours at RT. Localization: Endoplasmic reticulum lumen. Melanosome. Magnification: 20x. (A) DAPI (blue) nuclear stain. (B) Anti-GRP78 antibody. (C) Composite. Heat Shocked at 42°C for 1h.



GRP78 Antibody (MA5-45276) in WB

Western Blot analysis of Human cell lysates showing detection of GRP78 protein. Samples were incubated with GRP78 monoclonal antibody (Product # MA5-45276) at 1:1,000.



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