

Mouse GRP78/BIP Monoclonal Antibody | anti-GRP78/BIP antibody

anti-GRP78/BIP antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA249536	Mouse	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

GRP78/BIP; Monoclonal Antibody; anti-GRP78/BIP antibody; HSPA5; BIP; GRP78; HEL-S-89n; MIF2

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3F8
Purity/Purification	>=95% as determined by SDS-PAGE. Protein A+G purification
Form/Format	Liquid. PBS with 0.02% sodium azide and 50% glycerol pH7.3
Applicable Applications for anti-GRP78/BIP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Endoplasmic reticulum chaperone BiP
Preparation and Storage	Store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

HepG2 cells were subjected to SDS PAGE followed by western blot with AAA249536 (GRP78/BIP antibody) at dilution of 1:5000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using AAA249536 (GRP78/BIP antibody) at dilution of 1:50

ADDITIONAL INFORMATION

Related Product Information for anti-GRP78/BIP antibody	GRP78 (HSPA5), also referred to as 'immunoglobulin heavy chain-binding protein' (BiP), is a member of the heat-shock protein-70 (HSP70) family and is involved in the folding and assembly of proteins in the endoplasmic reticulum (ER). It is a constitutively expressed resident protein of the ER in all eukaryotic cells. Recently it has been reported that GRP78 is associated with apoptosis or inhibition of cancer cell growth.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16507237
NCBI GeneID	3309
NCBI Accession #	NP_005338.1

NCBI GenBank Nucleotide #	NM_005347.4
UniProt Accession #	P11021 ; Q2EF78 ; Q9NPF1 ; Q9UK02 ; B0QZ61
Molecular Weight	72,333 Da
NCBI Official Full Name	78 kDa glucose-regulated protein
NCBI Official Synonym Full Names	heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)
NCBI Official Symbol	HSPA5
NCBI Official Synonym Symbols	BIP; MIF2; GRP78
NCBI Protein Information	78 kDa glucose-regulated protein; immunoglobulin heavy chain-binding protein; endoplasmic reticulum lumenal Ca(2+)-binding protein grp78
UniProt Protein Name	78 kDa glucose-regulated protein
UniProt Gene Name	HSPA5
UniProt Synonym Gene Names	GRP78; GRP-78; BiP
UniProt Entry Name	GRP78_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/grp78-bip-antibody-clone-3f8-immunofluorescence-immunohistochemistry-western-blot-elisa/249536>