GRP78 BiP Rabbit mAb

Catalog No: #56023

Package Size: #56023-1 50ul #56023-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

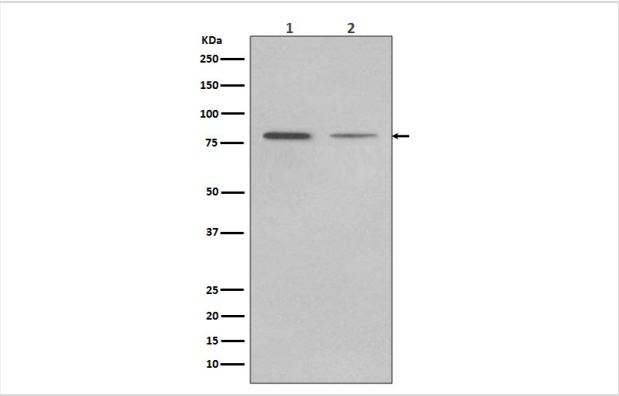
Description

Product Name	GRP78 BiP Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human;Mouse;Rat
Specificity	GRP78 BiP Antibody detects endogenous levels of total GRP78 BiP
Immunogen Description	A synthesized peptide derived from human GRP78 BiP
Conjugates	Unconjugated
Other Names	GRP-78; GRP78; BIP; MIF2; HSPA5
Accession No.	Uniprot:P11021
Calculated MW	72 kDa
SDS-PAGE MW	78 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

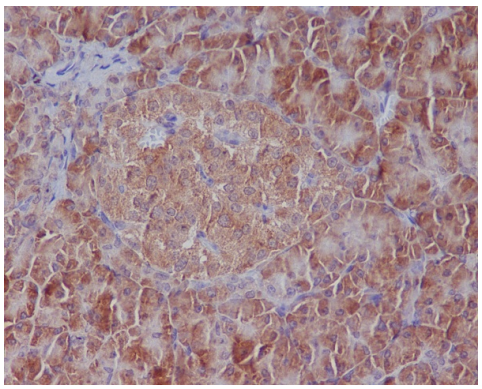
Application Details

WB:1:500~1:2000IHC:1:50~1:200ICC/IF:1:50~1:200

Images



Western blot analysis of GRP78 BiP expression in (1) LnCaP cell lysate;(2) HepG2 cell lysate.



Immunohistochemical analysis of paraffin-embedded human pancreas, using GRP78 BiP Antibody.

Immunofluorescent analysis of HepG2 cells, using GRP78 BiP Antibody .

Product Description

When Chinese hamster K12 cells are starved of glucose, the synthesis of several proteins, called glucose-regulated proteins (GRPs), is markedly increased. Hendershot et al. (1994) (PubMed 8020977) pointed out that one of these, 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).

Published Papers

el at., A programmable protease-based protein secretion platform for therapeutic applications. In Nat Chem Biol on 2024 Apr

by Xinyi Wang, Liping Kang,et al..PMID:37872400, , (2024)

PMID:37872400

Note: This product is for in vitro research use only and is not intended for use in humans or animals.