

# GRP78 BiP Antibody

Catalog No: T55167

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF



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400-6123-828

## Information

**UniProt ID:** P11021

**All Names:** GRP-78; GRP78; BIP; MIF2; HSPA5

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

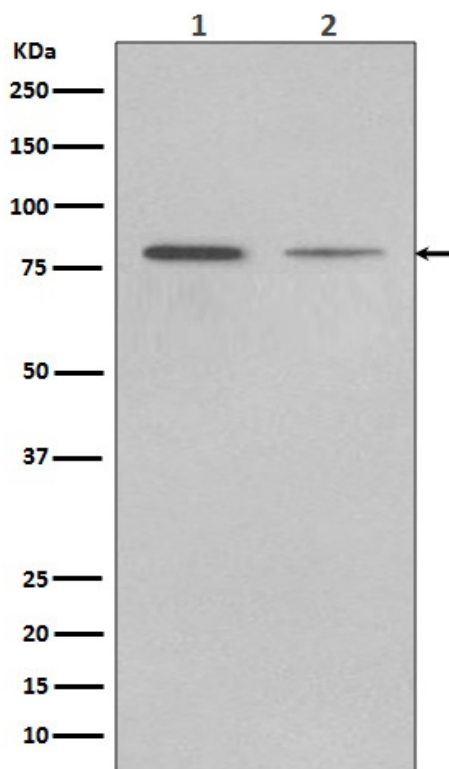
**Molecular Wt.:** 78kDa

## Application

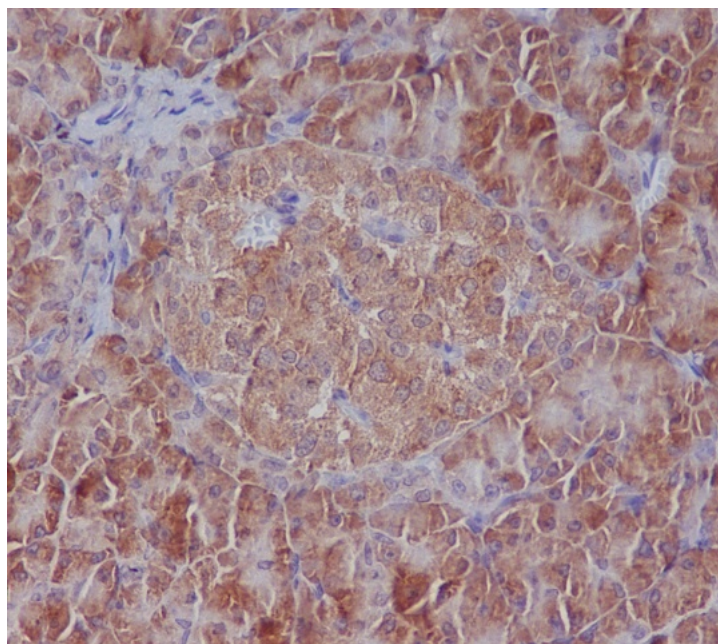
WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200

## Background

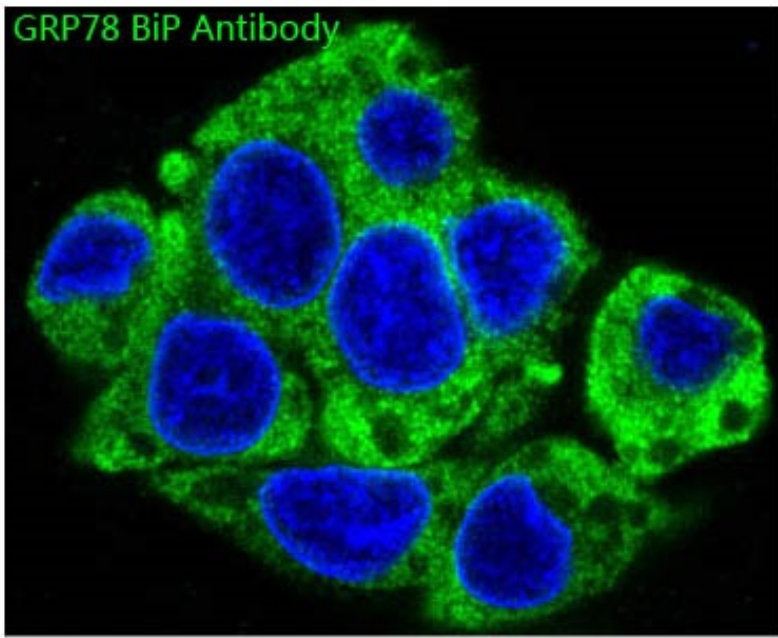
When Chinese hamster K12 cells are starved of glucose, the synthesis of several proteins, called glucose-regulated proteins (GRPs), is markedly increased. Hendershot et al. (1994) (PubMed 8020977) pointed out that one of these, GRP78 (HSPA5), also referred to as 'immunoglobulin heavy chain-binding protein' (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).



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 .