

Product Datasheet

GRP78 Antibody

Catalog No: CY2108

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC, ICC/IF



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Information

UniProt ID: P11021

All Names: 78 kDa glucose-regulated protein; BiP; Endoplasmic reticulum luminal Ca(2+)-binding protein grp78; FLJ26106; GRP-78; GRP78; Heat shock 70 kDa protein 5; heat shock 70kD protein 5 (glucose-regulated protein, 78kD); heat shock 70kDa protein 5 (glucose-regul

Form: Liquid

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

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 75kDa

Application

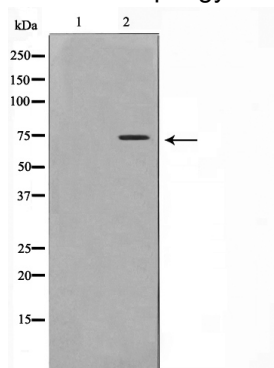
WB 1:500-1:2000

IHC 1:50-1:200

IF/ICC 1:100-1:500

Background

GRP78 a member of the HSP family of molecular chaperones required for endoplasmic reticulum integrity and stress-induced autophagy. Plays a central role in regulating the unfolded protein response (UPR), and is an obligatory component of autophagy in mamm



Western blot analysis of extracts from COS7 cells, using GRP78 antibody.

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