

产品名称: GRP78 BiP Mouse Monoclonal Antibody
产品货号: AMM85082



产品概述 (Summary)

产品名称 (Production Name)	GRP78 BiP Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB, ICC, IP
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2b
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide, 0.5% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GRP78 BiP HSPA5; GRP78; 78 kDa glucose-regulated protein; GRP-78; Endoplasmic
别名 (Alternative Names)	reticulum lumenal Ca(2+)-binding protein grp78; Heat shock 70 kDa protein 5; Immunoglobulin heavy chain-binding protein; BiP
基因 ID (Gene ID)	3309.0
蛋白 ID (SwissProt ID)	P11021. Purified recombinant human BiP/GRP78 protein expressed in E.coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, ICC 1:50-1:200, IP 1:10-1:20
蛋白分子量 (Molecular Weight)	Calculated MW: 72 kDa; Observed MW: 78 kDa

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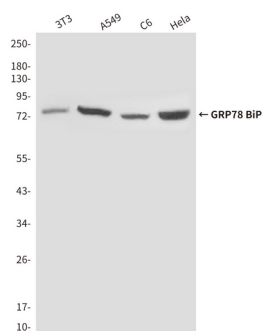


研究背景 (Background)

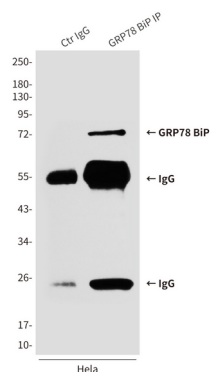
When Chinese hamster K12 cells are starved of glucose, the synthesis of several proteins, called glucose-regulated proteins (GRPs), is markedly increased. Hendershot et al. (1994) (PubMed 8020977) pointed out that one of these, GRP78 (HSPA5), also referred to as 'immunoglobulin heavy chain-binding protein'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

研究领域 (Research Area)

图片 (Image Data)

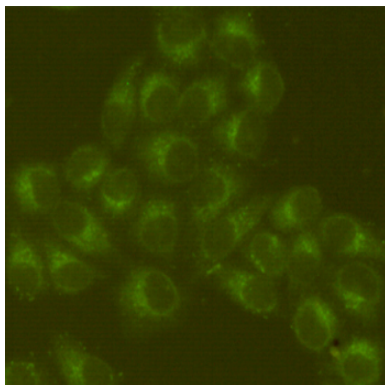


Western blot analysis of GRP78 BiP in 3T3, A549, C6 and HeLa lysates using BiP/GRP78 antibody.



Immunoprecipitation analysis of GRP78 BiP in HeLa lysates using BiP/GRP78 antibody. Western blot analysis of BiP/GRP78 using BiP/GRP78 antibody.

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Immunofluorescence analysis of GRP78 BiP in Hela using BiP/GRP78 antibody.

注意事项 (Note)

For research use only .