

产品名称: GRP78 BiP (9E4) Mouse Monoclonal Antibody  
产品货号: AMM03642



## 产品概述 (Summary)

|                        |                                           |
|------------------------|-------------------------------------------|
| 产品名称 (Production Name) | GRP78 BiP (9E4) Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody                 |
| 宿主 (Host)              | Mouse                                     |
| 应用 (Application)       | WB, ICC/IF                                |
| 种属反应性 (Reactivity)     | Human, Rat                                |

## 产品性能 (Performance)

|                     |                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                   |
| 修饰 (Modification)   | Unmodified                                                                                     |
| 同种型 (Isotype)       | IgG1                                                                                           |
| 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)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| 纯化方式 (Purification) | Affinity Purification                                                                          |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | HSPA5<br>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;<br>Immunoglobulin heavy chain-binding protein; BiP |
| 基因 ID (Gene ID)        | 3309                                                                                                                            |
| 蛋白 ID (SwissProt ID)   | P11021.                                                                                                                         |

## 产品应用 (Application)

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

产品名称: GRP78 BiP (9E4) Mouse Monoclonal Antibody  
产品货号: AMM03642



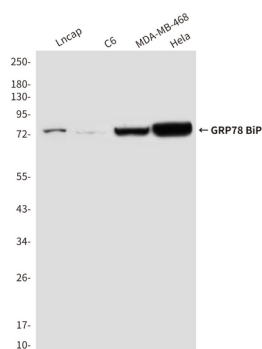
## 研究背景 (Background)

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).

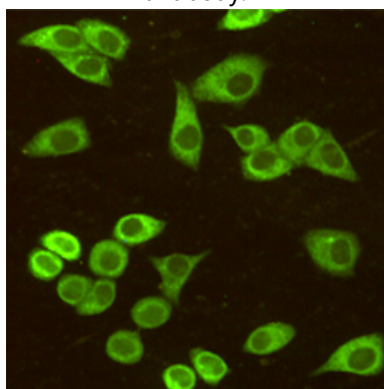
## 研究领域 (Research Area)

Tags & Cell Markers

## 图片 (Image Data)



Western blot analysis of BiP/GRP78 (Cterminus) in HeLa, C6, Lncap and MDA-MB-468 lysates using BiP/GRP78 (Cterminus) antibody.



Immunocytochemistry analysis of GRP78 BiP (9E4) in HeLa using BiP/GRP78 (Cterminus) antibody.

## 注意事项 (Note)

For research use only .