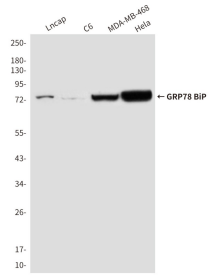
# GRP78 BiP (9E4) Mouse mAb (PBS Only)

**db6047-PBS** **Package：可询价**

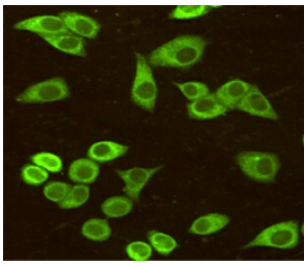
**Product Name :** GRP78 BiP (9E4) Mouse mAb (PBS Only)
**Cat.No.:** db6047-PBS
**Synonyms :** HSPA5; GRP78; 78 kDa glucose-regulated protein; GRP-78; Endoplasmic reticulum lumenal Ca(2+)-binding protein grp78; Heat shock 70 kDa protein 5; Immunoglobulin heavy chain-binding protein; BiP
**Application :** WB, ICC/IF, IHC-Fr, IHC-P
**Reactivity :** Human, Rat
**Host species :** Mouse

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| **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). |
| **Immunogen** | Purified recombinant human BiP/GRP78 (C-terminus) protein fragments expressed in E.coli |
| **Gene ID** | 3309 |
| **Swiss Prot** | P11021 |
| **Synonyms** | HSPA5; GRP78; 78 kDa glucose-regulated protein; GRP-78; Endoplasmic reticulum lumenal Ca(2+)-binding protein grp78; Heat shock 70 kDa protein 5; Immunoglobulin heavy chain-binding protein; BiP |
| **Reactivity** | Human, Rat |
| **Application** | WB, ICC/IF, IHC-Fr, IHC-P |
| **Calculated MW** | 72 kDa |
| **Observed MW** | 78 kDa |
| **Host species** | Mouse |
| **Clonality** | Monoclonal |
| **Clonality No.** | 9E4-2A7-H6 |
| **Isotype** | IgG1 |
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |

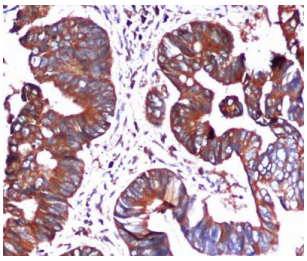
| | |
|---|---|
| **Concentration** | 1 mg/mL |
| **Formulation** | PBS Only |
| **Storage Stability** | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt. |




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.



Immunohistochemistry analysis of paraffin-embedded Colorectal cancer using BiP/GRP78 (Cterminus) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.