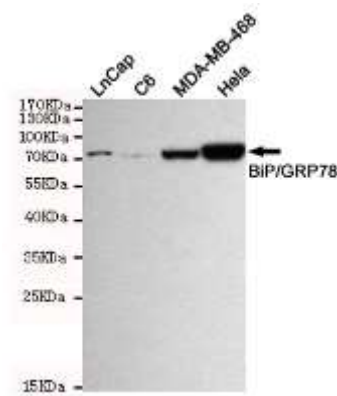


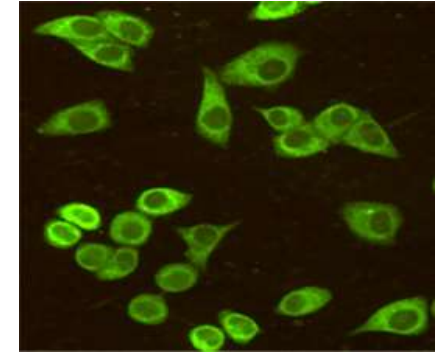
## Anti-GRP78/BiP Antibody (9E4-2A7-H6)

<b>CATALOG NO:</b>	A1333-100
<b>AMOUNT:</b>	100 µg
<b>ALTERNATIVE NAMES:</b>	GRP-78, Endoplasmic reticulum luminal Ca(2+ )-binding protein grp78, Heat shock 70 kDa protein 5, Immunoglobulin heavy chain-binding protein, BiP, HSPA5, GRP78
<b>CLONALITY:</b>	Monoclonal
<b>CLONE:</b>	9E4-2A7-H6
<b>Host/ISOTYPE:</b>	Mouse IgG1
<b>IMMUNOGEN:</b>	Recombinant human GRP78 BiP (C terminal) protein fragments expressed in <i>E.coli</i>
<b>MOLECULAR WEIGHT:</b>	78 kDa
<b>SPECIES REACTIVITY:</b>	Human, Rat
<b>SPECIFICITY:</b>	This antibody detects endogenous levels of GRP78 BiP and does not cross-react with related proteins.
<b>PURIFICATION:</b>	Affinity purified
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	Purified mouse monoclonal in PBS (pH 7.4) containing with 0.02% sodium azide and 50% glycerol
<b>STORAGE CONDITIONS:</b>	For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>DESCRIPTION:</b>	Probably plays a role in facilitating the assembly of multimeric protein complexes inside the endoplasmic reticulum. Involved in the correct folding of proteins and degradation of misfolded proteins via its interaction with DNAJC10, probably to facilitate the release of DNAJC10 from its substrate.
<b>APPLICATION:</b>	WB; 1:1000 IF; 1:50 IHC

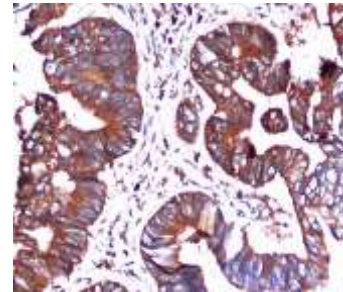
**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot detection of BiP/GRP78 (C-terminus) in HeLa, C6, Lncap and MDA-MB-468 cell lysates using BiP/GRP78 (C-terminus) Antibody



Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using anti-BiP/GRP78 (C-terminus) Antibody



Immunohistochemical analysis of paraffin-embedded Colorectal cancer using BiP/GRP78 (C-terminus) Antibody

### RELATED PRODUCTS:

- Anti-Flag-Tag Antibody (4A8) (Cat. No. A1030)
- Anti-GST-Tag Antibody (4G4) (Cat. No. A1021)
- Anti-His-Tag Antibody (6E2) (Cat. No. A1032)
- Anti-V5 epitope tag, Human IgG1 Antibody (Cat. No. A1103)

**FOR RESEARCH USE ONLY! Not to be used on humans.**