

À des fins de recherche uniquement

# Anticorps Monoclonal anti-GRP78/BIP



Numéro de catalogue: **CL594-66574**

## Informations de base

<b>Numéro de catalogue:</b> CL594-66574	<b>Numéro d'acquisition GenBank:</b> BC020235	<b>Méthode de purification:</b> Purification par protéine G
<b>Taille:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 3309	<b>CloneNo.:</b> 1D6F7
<b>Hôte:</b> Mouse	<b>Nom complet:</b> heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)	<b>Dilutions recommandées:</b> WB 1:500-1:2000
<b>Isotype:</b> IgG1	<b>MW calculé</b> 78 kDa	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG2188	<b>MW observés:</b> 78 kDa	

## Applications

<b>Applications testées:</b> FC (Intra), WB	<b>Contrôles positifs:</b> WB : cellules A549, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules MCF-7, cellules NIH/3T3
<b>Spécificité de l'espèce:</b> Humain, rat, souris	

## Informations générales

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). It is a constitutively expressed resident protein of the ER in all eukaryotic cells. Recently it has been reported that GRP78 is associated with apoptosis or inhibition of cancer cell growth.

## Stockage

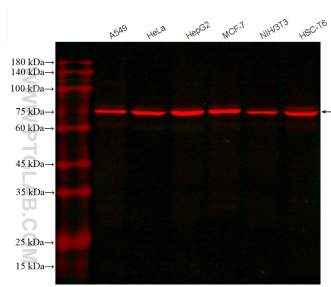
**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

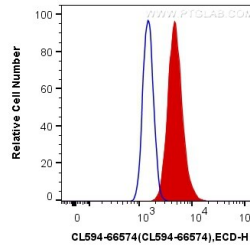
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with CL594-66574 (GRP78/BIP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human GRP78/BIP (CL594-66574, Clone:1D6F7) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL594-66360, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).