

À des fins de recherche uniquement

Anticorps Monoclonal anti-GRP78/BIP



Numéro de catalogue: 66574-1-Ig **48 Publications**

Informations de base

Numéro de catalogue: 66574-1-Ig	Numéro d'acquisition GenBank: BC020235	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 3309	CloneNo.: 1D6F7
Hôte: Mouse	Nom complet: heat shock 70kDa protein 5 (glucose- regulated protein, 78kDa)	Dilutions recommandées: WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:1000-1:6000 for WB
Isotype: IgG1	MW calculé: 78 kDa	IHC 1:500-1:2000 IF 1:50-1:500
Immunogen Catalog Number: AG2188	MW observés: 70-78 kDa	

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
CoIP, IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, poisson-zèbre, porc, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB: cellules HepG2, cellules 4T1, cellules A549, cellules HeLa, cellules HSCT6, cellules HSC-T6, cellules Jurkat, cellules MCF-7, cellules NIH/3T3, cellules PC-12

IP: cellules SGC-7901,

IHC: tissu de cancer du foie humain, tissu de cancer du côlon humain, tissu de cancer du sein humain

IF: cellules HeLa,

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiuwen Yang	36246276	Front Microbiol	WB
Yu Chen	34592660	Cell Calcium	WB
Li Ma	36056472	Int Wound J	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

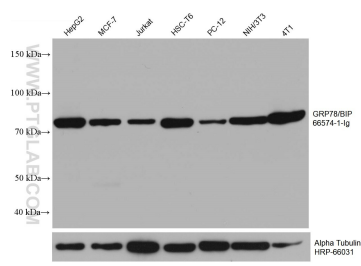
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

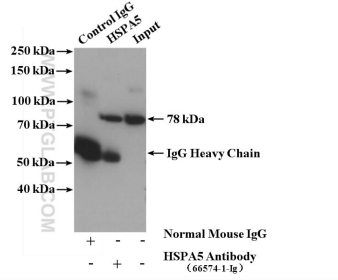
E: proteintech@ptglab.com
W: ptglab.com

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

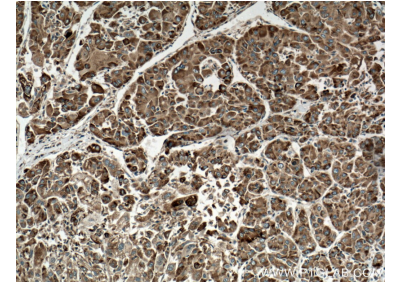
Données de validation sélectionnées



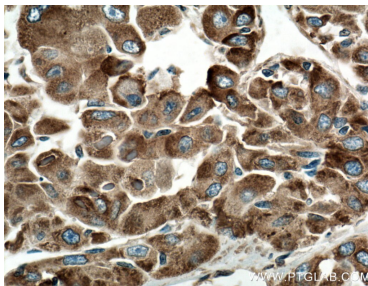
Various lysates were subjected to SDS PAGE followed by western blot with 66574-1-Ig (GRP78/BIP antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



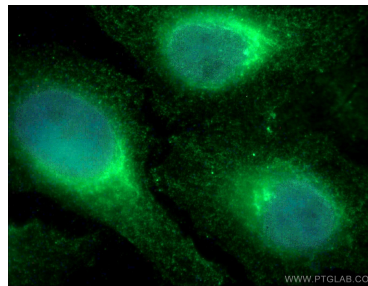
IP result of anti-GRP78/BIP (IP:66574-1-Ig, 5ug; Detection:66574-1-Ig 1:3000) with SGC-7901 cells lysate 2200 ug.



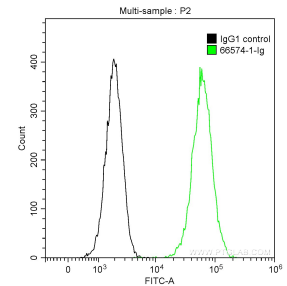
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66574-1-Ig (GRP78,BIP antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66574-1-Ig (GRP78,BIP antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 66574-1-Ig (GRP78/BIP antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ MCF-7 cells were stained with 0.2 ug Anti-Human GRP78/BIP (66574-1-Ig, Clone:1D6F7) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.