

À des fins de recherche uniquement

Anticorps Monoclonal anti-IMP3

Numéro de catalogue: 66247-1-Ig



Informations de base

Numéro de catalogue:	66247-1-Ig	Numéro d'acquisition GenBank:	BC020557	Méthode de purification:	Purification par protéine A
Taille:	150ul, Concentration: 3300 µg/ml by Nanodrop and 1733 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI):	55272	CloneNo.:	1E7D6
Hôte:	Mouse	Nom complet:	IMP3, U3 small nucleolar ribonucleoprotein, homolog (yeast)	Dilutions recommandées:	WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:200-1:800
Isotype:	IgG2b	MW calculé	184 aa, 22 kDa		
Immunogen Catalog Number:	AG23602	MW observés:	22 kDa		

Applications

Applications testées:	FC, IF, IHC, WB, ELISA	Contrôles positifs:	
Spécificité de l'espèce:	Humain, souris	WB :	cellules HeLa, cellules HepG2, cellules SKOV-3
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.		IHC :	tissu de cancer du sein humain,
		IF :	cellules HepG2,

Informations générales

IMP3 is a member of the insulin-like growth factor (IGF-II) mRNA binding protein (IMP) family that consist of IMP1, IMP2, and IMP3. IMP3 is an oncofetal protein associated with aggressive and advanced tumors and is specifically expressed in malignant tumors but not found in benign tissues [PMID:22497850]. IMP3 forms a ternary complex with IMP4 and MPP10 (MPHOSPH10) that interacts with U3 small nucleolar RNA (snoRNA), which is required for the early cleavage steps in pre-rRNA processing [PMID: 12655004].

Stockage

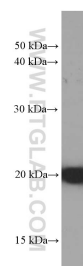
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

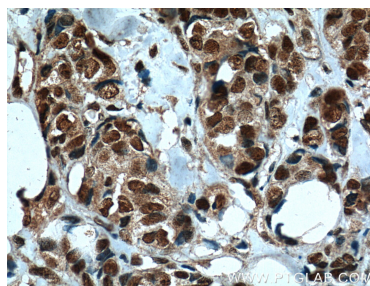
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

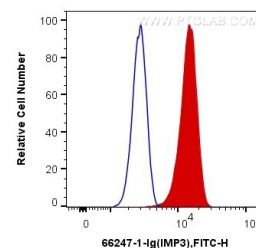
Données de validation sélectionnées



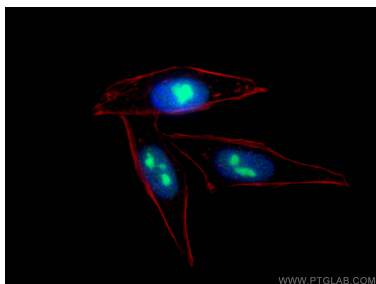
HeLa cells were subjected to SDS PAGE followed by western blot with 66247-1-Ig (IMP3 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



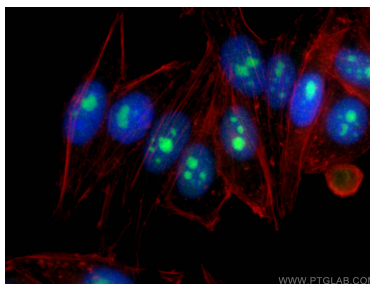
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66247-1-Ig (IMP3 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



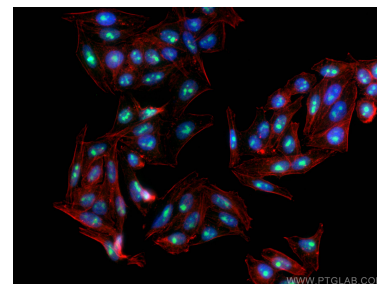
1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug Anti-Human IMP3 (66247-1-Ig, Clone:1E7D6) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using IMP3 antibody (66247-1-Ig, Clone: 1E7D6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using IMP3 antibody (66247-1-Ig, Clone: 1E7D6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using IMP3 antibody (66247-1-Ig, Clone: 1E7D6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).