

À des fins de recherche uniquement

Anticorps Monoclonal anti-IFIH1/MDA5



Numéro de catalogue: 66770-1-Ig **4 Publications**

Informations de base

Numéro de catalogue: 66770-1-Ig	Numéro d'acquisition GenBank: BC111750	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1200 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 64135	CloneNo.: 3D8B11
Hôte: Mouse	Nom complet: interferon induced with helicase C domain 1	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:250-1:1000
Isotype: IgG1	MW calculé: 1025 aa, 117 kDa	
Immunogen Catalog Number: AG17448	MW observés: 117-125 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, porc

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 MDA-MB-468, cellules Daudi, cellules HepG2, cellules Jurkat, cellules Raji, cellules T-47D, cellules THP-1

IHC: tissu de cancer du foie humain, tissu rénal humain

Informations générales

IFIH1 (Interferon-induced helicase C domain-containing protein 1) is a putative RNA helicase that is upregulated in response to treatment with IFNB or IFNB and MEZ. It is also named as MDA5 and RH116. Ectopic expression of MDA5 in melanoma cells resulted in reduced colony formation, suggesting an interaction of the CARD and apoptotic signal molecules. Functional analysis indicated that MDA5 is an RNA-dependent ATPase. IFIH1 has an apparent molecular mass of 117-130 kDa, and always other bands (70 kDa and 90 kDa) can be detected as cleaved products (PMID: 17267501).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yumei Han	33328314	J Virol	WB
Shujuan Xu	34922148	Vet Microbiol	WB
Lin Lv	36544767	Front Immunol	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.

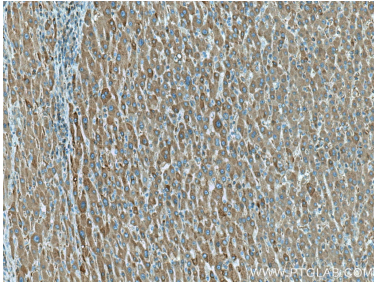
For technical support and original validation data for this product please contact:

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

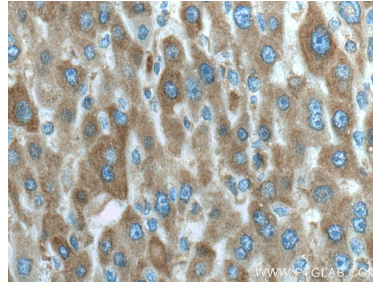
E: proteintech@ptglab.com
W: ptglab.com

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

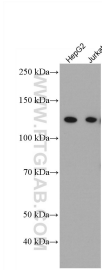
Données de validation sélectionnées



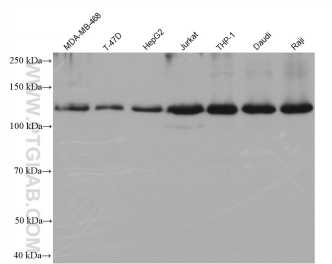
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66770-1-Ig (IFIH1/MDA5 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66770-1-Ig (IFIH1/MDA5 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 66770-1-Ig (IFIH1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 66770-1-Ig (IFIH1/MDA5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.