

À des fins de recherche uniquement

Anticorps Monoclonal anti-RIG-1/DDX58



Numéro de catalogue: 67556-1-Ig **1 Publications**

Informations de base

Numéro de catalogue: 67556-1-Ig	Numéro d'acquisition GenBank: BC132786	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2000 µg/ml by Nanodrop and 940 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 23586	CloneNo.: 3B10F5
Hôte: Mouse	Nom complet: DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	Dilutions recommandées: WB 1:1000-1:6000 IF 1:200-1:800
Isotype: IgG1	MW calculé: 925 aa, 107 kDa	
Immunogen Catalog Number: AG18591	MW observés: 101/106 kDa	

Applications

Applications testées:

IF, WB, ELISA

Demandes citées:

IF

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

Contrôles positifs:

WB : cellules A431, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules NIH/3T3

IF : cellules HepG2,

Informations générales

DDX58, also named as RIG-1, belongs to the helicase family. It is involved in innate immune defense against viruses. Upon interaction with intracellular dsRNA produced during viral replication, triggers a transduction cascade involving MAVS/IPS1, which results in the activation of NF-kappa-B, IRF3 and IRF7 and the induction of the expression of antiviral cytokines such as IFN-beta and RANTES (CCL5). Detects dsRNA produced from non-self dsDNA by RNA polymerase III, such as Epstein-Barr virus-encoded RNAs (EBERs). It is essential for the production of interferons in response to RNA viruses including paramyxoviruses, influenza viruses, Japanese encephalitis virus and HCV. The antibody is specific to DDX58, which has two isoforms with the MW of 106 and 101 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xueying Zhai	36861818	Autophagy	IF

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.

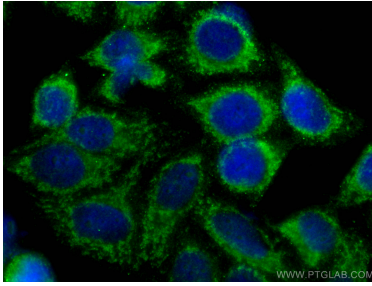
For technical support and original validation data for this product please contact:

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

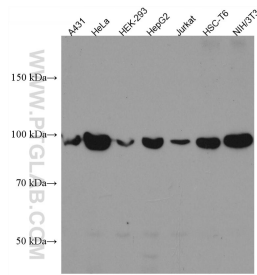
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using RIG-1/DDX58 antibody (67556-1-Ig, Clone: 3B10F5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 67556-1-Ig (DDX58 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.