

À des fins de recherche uniquement

Anticorps Monoclonal anti-DDX21

Numéro de catalogue: 66925-1-Ig



Informations de base

Numéro de catalogue: 66925-1-Ig	Numéro d'acquisition GenBank: BC008071	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1400 µg/ml by Nanodrop and 773 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 9188	CloneNo.: 1B9C8
Hôte: Mouse	Nom complet: DEAD (Asp-Glu-Ala-Asp) box polypeptide 21	Dilutions recommandées: WB 1:2000-1:10000 IHC 1:250-1:1000 IF 1:50-1:500
Isotype: IgG1	MW calculé: 783 aa, 87 kDa	
Immunogen Catalog Number: AG17850	MW observés: 90-95 kDa	

Applications

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

Spécificité de l'espèce:
Humain

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 HeLa, cellules HEK-293, cellules HepG2, cellules HL-60, cellules Jurkat, cellules K-562, cellules THP-1

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

IF : cellules HepG2,

Informations générales

DDX21 protein belongs to DEAD box protein family which is characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD). As a putative RNA helicase, DDX21 unwinds double-stranded RNA, folds single-stranded RNA and is involved in process including ribosomal RNA biogenesis, RNA editing and general transcription. Interaction of DDX21 and c-Jun was reported in ribosomal RNA processing.

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.

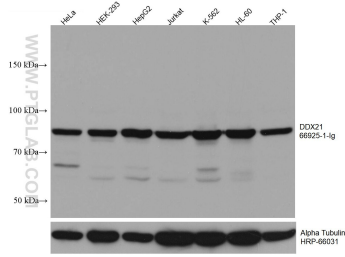
For technical support and original validation data for this product please contact:

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

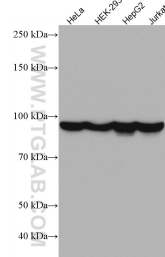
E: proteintech@ptglab.com
W: ptglab.com

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

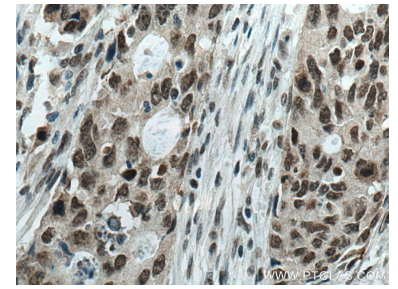
Données de validation sélectionnées



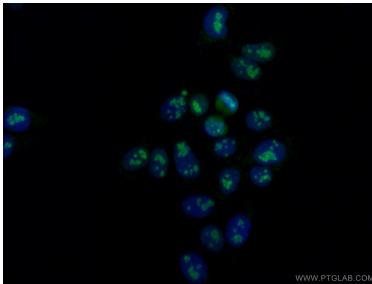
Various lysates were subjected to SDS PAGE followed by western blot with 66925-1-Ig (DDX21 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



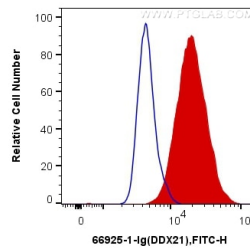
Various lysates were subjected to SDS PAGE followed by western blot with 66925-1-Ig (DDX21 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66925-1-Ig (DDX21 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 66925-1-Ig (DDX21 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug Anti-Human DDX21 (66925-1-Ig, Clone:1B9C8) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).