

À des fins de recherche uniquement

# Anticorps Monoclonal anti-FMR1

Numéro de catalogue: 66548-1-Ig

Phare

3 Publications



## Informations de base

Numéro de catalogue:

66548-1-Ig

Numéro d'acquisition GenBank:

BC038998

Méthode de purification:

Purification par protéine A

Taille:

150ul, Concentration: 2100 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

2332

CloneNo.:

2B5B5

Hôte:

Mouse

Nom complet:

fragile X mental retardation 1

Dilutions recommandées:

WB 1:2000-1:10000

IP 0.5-4.0 µg for IP and 1:1000-1:6000

for WB

IHC 1:250-1:1000

Isotype:

IgG2a

MW calculé

632 aa, 71 kDa

MW observés:

69-72 kDa

Immunogen Catalog Number:

AG4697

## Applications

Applications testées:

FC, IHC, IP, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A 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 HSCT6, cellules Jurkat, cellules K-562

IP : cellules HeLa,

IHC : tissu de gliome humain, tissu cérébral de souris, tissu de cancer du côlon humain, tissu de côlon humain, tissu hépatique humain

## Informations générales

The selective RNA-binding protein FMRP forms a messenger ribonucleoprotein complex that associates with polyribosomes, implicating in regulation of translation. FMR1 is a component of the CYFIP1-EIF4E-FMR1 complex which binds to and represses the mRNA. It also has a role in the transport of mRNA from the nucleus to the cytoplasm. FMR1 exists several isoforms and the molecular weight of FMR1 is about 59-72 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Belinda J Petri	36341798	Environ Res	WB
Raeann Goering	32510328	Elife	WB
Cheng Wu	37152432	Front Mol Neurosci	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.

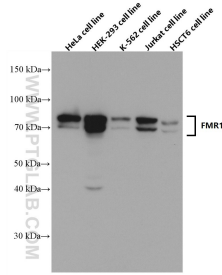
For technical support and original validation data for this product please contact:

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

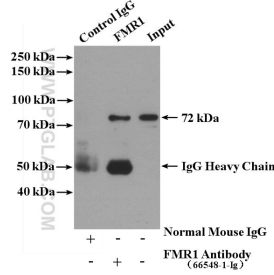
E: proteintech@ptglab.com  
W: ptglab.com

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

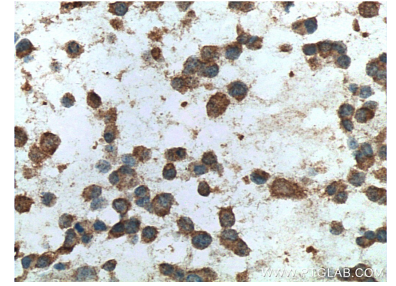
## Données de validation sélectionnées



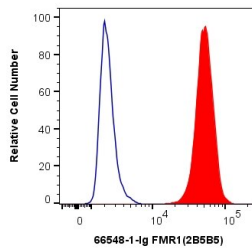
Various lysates were subjected to SDS PAGE followed by western blot with 66548-1-Ig (FMR1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP result of anti-FMR1 (IP:66548-1-Ig, 5ug; Detection:66548-1-Ig 1:3000) with HeLa cells lysate 3200 ug.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66548-1-Ig (FMR1 antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



1X10<sup>6</sup> Jurkat cells were intracellularly stained with 0.4 ug Anti-Human FMR1 (66548-1-Ig, Clone:2B5B5) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).