

À des fins de recherche uniquement

Anticorps Monoclonal anti-MGEA5

Numéro de catalogue: 66033-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 66033-1-Ig	Numéro d'acquisition GenBank: BC039583	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 840 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 10724	CloneNo.: 3B9H7
Hôte: Mouse	Nom complet: meningioma expressed antigen 5 (hyaluronidase)	Dilutions recommandées: WB 1:500-1:1000 IHC 1:20-1:200 IF 1:20-1:200
Isotype: IgG1	MW calculé 103 kDa	
Immunogen Catalog Number: AG6905	MW observés: 75 kDa, 130 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

souris

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 : tissu cérébral humain, cellules MCF7

IHC : tissu de méningiome humain, tissu de gliome humain

IF : cellules HepG2, cellules HeLa

Informations générales

Human meningioma-expressed antigen 5 (MGEA5) has two putative domains including protein O-GlcNAcase domain and histone acetyltransferase domain, therefore it is often called bifunctional protein NCOAT. Three isoforms of MGEA5 are produced by alternative splicing. MGEA5 was found to be regulated to reduce the state of glycosylation of transcriptional activators while increasing the acetylation of histones to allow for the concerted activation of eukaryotic gene transcription, for instance, acetylation of Lys8 of histone H4 and Lys 14 of histone H3 are resulted from acetyltransferase activity. In addition, single nucleotide polymorphism in MGEA5 is associated with type 2 diabetes in Mexican Americans. Two bands at 130kDa and 75 kDa could be detected using the present mouse monoclonal antibody 66033-1-Ig, which is consistent with results in a related reference (PubMed:11341771).

Publications notables

Autrice	Pubmed ID	Journal	Application
Hossein Ardehali	36747777	Res Sq	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.

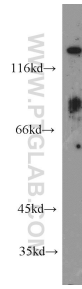
For technical support and original validation data for this product please contact:

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

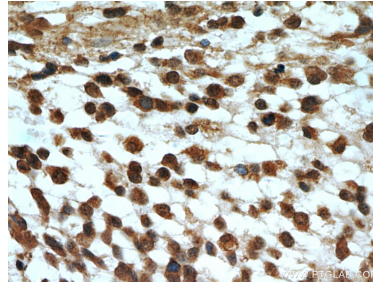
E: proteintech@ptglab.com
W: ptglab.com

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

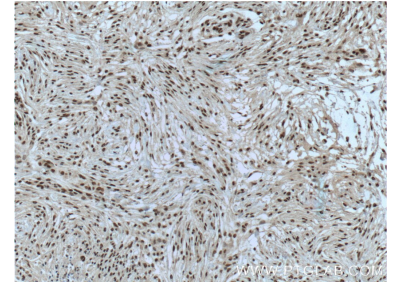
Données de validation sélectionnées



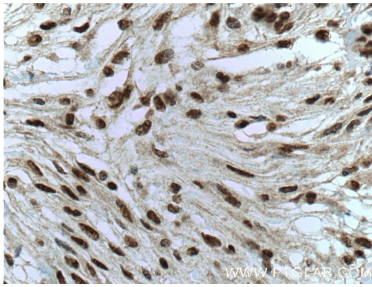
Human brain lysate were subjected to SDS PAGE followed by western blot with 66033-1-Ig (MGEA5 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



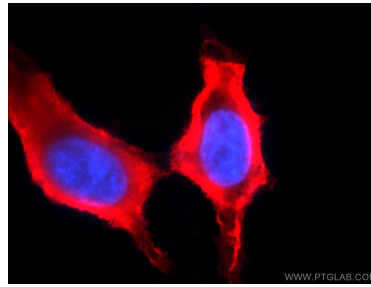
Immunohistochemical analysis of paraffin-embedded human gliomas using 66033-1-Ig(MGEA5 antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human meningioma tissue slide using 66033-1-Ig (MGEA5 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieved with Citric acid buffer, pH6.0.



Immunohistochemical analysis of paraffin-embedded human meningioma tissue slide using 66033-1-Ig (MGEA5 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieved with Citric acid buffer, pH6.0.



Immunofluorescent analysis of HepG2 cells using 66033-1-Ig (MGEA5 antibody) at dilution of 1:50 and Rhodamine-Goat anti-Mouse IgG.