

Nur für Forschungszwecke

MGEA5 Monoklonaler Antikörper

Katalog-Nr.: 66033-1-Ig **1 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 66033-1-Ig	GenBank-Zugangsnummer: BC039583	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 840 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 10724	CloneNo.: 3B9H7
Wirt: Maus	Vollständiger Name: meningioma expressed antigen 5 (hyaluronidase)	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:20-1:200 IF 1:20-1:200
Isotyp: IgG1	Berechnete Masse: 103 kDa	
Immunogen Katalognummer: AG6905	Beobachtete Masse: 75 kDa, 130 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : humanes Hirngewebe, MCF7 cells IHC : humanes Meningiom-Gewebe, humanes Gliomgewebe IF : HepG2-Zellen, HeLa-Zellen
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human	
Zitierte Arten: Maus	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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 MEGE5 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 MGE5A 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).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Hossein Ardehali	3674777	Res Sq	WB

Lagerung

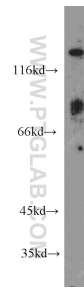
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

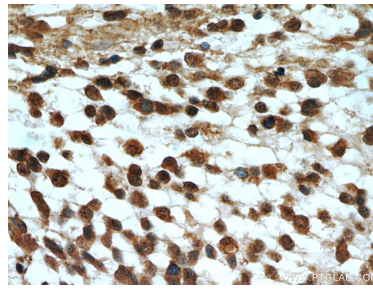
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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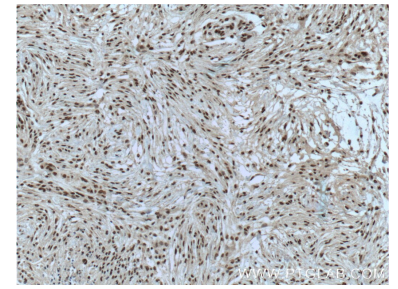
Ausgewählte Validierungsdaten



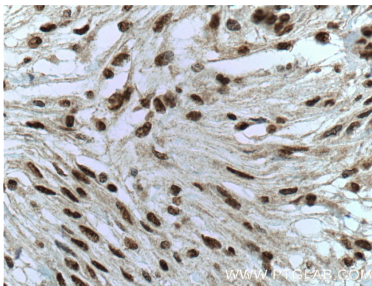
Human brain lysate were subjected to SDS PAGE followed by western blot with 66033-1-Ig (MGEA5 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



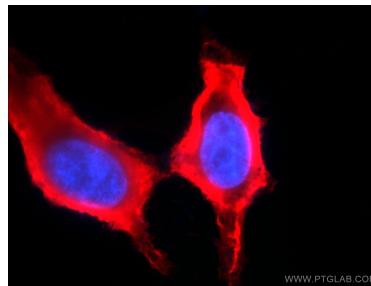
Immunohistochemical analysis of paraffin-embedded human gliomas using 66033-1-Ig(MGEA5 antibody) at dilution of 1:50 (under 40x lens).



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.