

For Research Use Only

IGFBP5 Monoclonal antibody

Catalog Number: 68512-1-Ig



Basic Information

Catalog Number: 68512-1-Ig	GenBank Accession Number: BC011453	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3488	CloneNo.: 1C5E1
Source: Mouse	Full Name: insulin-like growth factor binding protein 5	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:250-1:1000
Isotype: IgG1	Calculated MW: 31 kDa	
Immunogen Catalog Number: AG33797	Observed MW: 30-33 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

Human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : T-47D cells, SKOV-3 cells, Saos-2 cells, U2OS cells

IHC : mouse brain tissue,

Background Information

IGFBP5, also named as IBP5, prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. It alter the interaction of IGFs with their cell surface receptors. This antibody is specific to IGFBP5.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

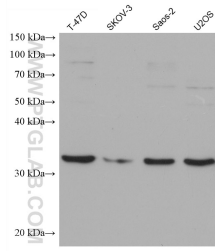
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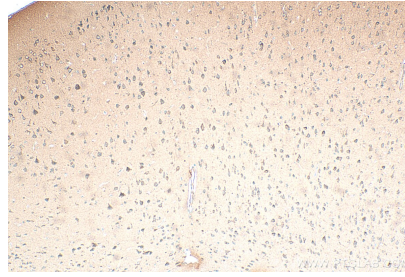
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68512-1-Ig (IGFBP5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 68512-1-Ig (IGFBP5 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).