

Mouse anti-Human, Rat Insulin Like Growth Factor Binding Protein 4 (IGFBP4) Monoclonal Antibody | anti-IGFBP4 antibody

Monoclonal Antibody to Insulin Like Growth Factor Binding Protein 4 (IGFBP4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134820	Mouse	Human, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

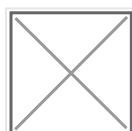
PRODUCT SYNONYMS

Insulin Like Growth Factor Binding Protein 4 (IGFBP4); Monoclonal Antibody; Monoclonal Antibody to Insulin Like Growth Factor Binding Protein 4 (IGFBP4); anti-IGFBP4 antibody

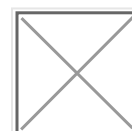
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	A3
Specificity	The antibody is a mouse monoclonal antibody raised against IGFBP4. It has been selected for its ability to recognize IGFBP4 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-DEAHCPP CSEELARCR PPVGCCELVR EPGCGCCATC ALGLGMPCGV YTPRCGSGLR CYPGRGVEKP LHTLMHGQGV CMELAEIEAI QESLQPSDKD EGDHPNNSFS PCSAHDRLCL QKHFAKIRDR STSGGKMKVN GAPREDARPV PQGSCQSELH RALERLAASQ SRTHEDLYII PIPNCDRNGN FHPKQCHPAL D
Sequence Length	258
Applicable Applications for anti-IGFBP4 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant IGFBP4 (Asp22~Glu258) expressed in E.coli.
Cross Reactivity	Human, Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Glioma Tissue



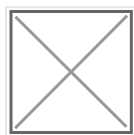
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Tissue

**IHC (Immunohistochemisry)**

DAB staining on IHC-P; Samples: Human Stomach Tissue.

**WB (Western Blot)**

Western Blot: Sample: Recombinant IGFBP4, Human.

**WB (Western Blot)**

Western Blot: Sample: Rat Placenta Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62243290
NCBI GeneID	3487
NCBI Accession #	NP_001543.2
NCBI GenBank Nucleotide #	NM_001552.2
UniProt Accession #	P22692; Q5U012; Q9UCL6; A0N9W2; B4E351
Molecular Weight	17,635 Da
NCBI Official Full Name	insulin-like growth factor-binding protein 4
NCBI Official Synonym Full Names	insulin like growth factor binding protein 4
NCBI Official Symbol	IGFBP4
NCBI Official Synonym Symbols	BP-4; IBP4; IGFBP-4; HT29-IGFBP
NCBI Protein Information	insulin-like growth factor-binding protein 4
UniProt Protein Name	Insulin-like growth factor-binding protein 4
UniProt Gene Name	IGFBP4
UniProt Synonym Gene Names	IBP4; IBP-4; IGF-binding protein 4; IGFBP-4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/insulin-like-growth-factor-binding-protein-4-igfbp4-antibody-clone-a3-western-blot-immunohistochemistry-immunocytochemistry-elisa/134820>