Mouse IGFBP4 Monoclonal Antibody | anti-IGFBP4 antibody

IGFBP4 antibody

CATALOG #	HOST	APPLICATIONS
AAA108051	**Mouse**	**ELISA**

PRODUCT SYNONYMS

IGFBP4; Monoclonal Antibody; IGFBP4 antibody; Monoclonal IGFBP4; Anti-IGFBP4; Insulin Growth Factor Binding Protein 4; IGFBP-4; IGFBP 4; anti-IGFBP4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	M18612IG4
Specificity	Human IGFBP-4
Purity/Purification	IGFBP-4 antibody was purified by Protein A chromatography.
Form/Format	Purified protein A in PBS, pH 7.4, 0.09% sodium azide (NaN3)
Concentration	4.6 mg/ml (varies by lot)
Sequence Length	258
Applicable Applications for anti-IGFBP4 antibody	IA (Immunoassay), ELISA
Biological Significance	IGFBP-4 binds both insulin-like growth factors (IGFs) I and II and circulates in the plasma in both glycosylated and non-glycosylated forms. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors. IGFBP-4 is a unique protein and it consistently inhibits several cancer cells in vivo and in vitro. Its inhibitory action has been shown in vivo in prostate and colon. It is secreted by all colon cancer cells.
Biohazard Information	This product is sold as an antibody preparation for research use only. Standard Laboratory Practices should be followed when handling this material. Contains sodium azide (0.1 %) as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	IGFBP-4 antibody was raised in mouse using recombinant IGFBP-4 expressed in human cell line as the immunogen.
Preparation and Storage	Store at 4 degree C

ADDITIONAL INFORMATION

Related Product Information for anti-IGFBP4 antibody	Mouse monoclonal IGFBP-4 antibody
Product Categories/Family for anti-IGFBP4 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	62243290

NCBI GeneID	3487
NCBI Accession #	NP_001543.2
NCBI GenBank Nucleotide #	NM_001552.2
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
UniProt Entry Name	IBP4_HUMAN

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://www.aaabiotech.com/monoclonal/igfbp4-antibody-clone-m18612ig4-immunoassay-elisa/108051