

IGFBP-4 Monoclonal Antibody | anti-IGFBP-4 antibody

Monoclonal mouse anti- Insulin-like growth factor binding protein 4 (IGFBP-4)

CATALOG #
AAA78088

APPLICATIONS
ELISA

PRODUCT SYNONYMS

IGFBP-4; Monoclonal Antibody; Monoclonal mouse anti- Insulin-like growth factor binding protein 4 (IGFBP-4); anti-IGFBP-4 antibody

PRODUCT SPECIFICATIONS

Clonality	Monoclonal
Isotype	IgG1 for MAbs IBP163, IBP190 IgG2a for MAbs IBP144, IBP154, IBP180 IgG2b for MAbs IBP182, IBP185 IgG3 for MAbs IBP3cc
Specificity	MAbs IBP144, IBP154 and IBP180: human IGFBP-4; human N-terminal IGFBP-4 fragment (NT-IGFBP-4) MAbs IBP182, IBP185 and IBP190: human IGFBP-4; human C-terminal IGFBP-4 fragment (CT-IGFBP-4) MAbs IBP3cc: human NT-IGFBP-4, cross-reaction with full-length human IGFBP-4 <5% (ELISA) MAb IBP163: human CT-IGFBP-4, cross-reaction with full-length human IGFBP-4 <5% (ELISA)
Purity/Purification	Protein A chromatography
Applicable Applications for anti-IGFBP-4 antibody	ELISA
MAbs in vitro	IBP3cc
MAbs in vivo	IBP144, IBP154, IBP163, IBP180, IBP182, IBP185, IBP190 Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with recombinant human IGFBP-4 expressed in mammalian cell line (MAbs IBP144, IBP154, IBP180, IBP182, IBP185, IBP190), synthetic peptide from human IGFBP-4 His142-Met156 (MAbs IBP3cc) or synthetic peptide from human IGFBP-4 Lys157-Gln171 (MAb IBP163)
Presentation	PBS, pH 7.4, 0.09 % sodium azide (NaN ₃) for MAbs IBP144, IBP154, IBP163, IBP180, IBP182, IBP185, IBP190 50 mM citrate, 150 mM NaCl, pH 6.0, 0.09% azide (NaN ₃) for MAbs IBP3cc
Preparation and Storage	+4 °C (+2 ... +8 °C allowed)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62243290
NCBI GeneID	3487
NCBI Accession #	NP_001543.2
NCBI GenBank Nucleotide #	NM_001552.2
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; IBP-4; IGF-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://stage.aaabiotech.com/monoclonal/igfbp-4-antibody-elisa/78088>