



IGFBP1 Monoclonal Antibody

Catalog No	YP-mAb-16055
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	IGFBP1
Protein Name	Insulin-like growth factor-binding protein 1
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human IGFBP1. AA range:91-140
Specificity	IGFBP1 Monoclonal Antibody detects endogenous levels of IGFBP1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IGFBP1; IBP1; Insulin-like growth factor-binding protein 1; IBP-1; IGF-binding protein 1; IGFBP-1; Placental protein 12; PP12
Observed Band	28kD
Cell Pathway	Secreted.
Tissue Specificity	Amniotic fluid,Decidua,Liver,Placenta,Skin,
Function	function:IGF-binding proteins 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. They alter the interaction of IGFs with their cell surface receptors. Promotes cell migration.,PTM:Phosphorylated; probably by casein kinase II. Alters the affinity of the protein for IGFs.,similarity:Contains 1 IGFBP N-terminal domain.,similarity:Contains 1 thyroglobulin type-1 domain.,subunit:Binds equally well IGF1 and IGF2.,
Background	This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein binds both insulin-like growth factors (IGFs) I and II and circulates in the plasma. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors. [provided by RefSeq, Jul 2008],

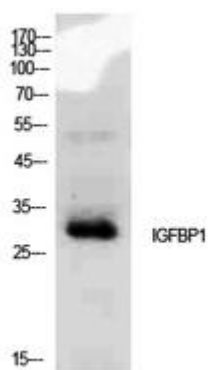
**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using IGFBP1 Monoclonal Antibody