Magic™ Anti-IGFBP4 monoclonal antibody, clone C2645N (DCAB-TJ216)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 p
Specificity	Human Insulin-Like Growth Factor Binding Protein 4, N-Terminal (NT-IGFBP-4)
Immunogen	Recombinant IGFBP-4 expressed in a mammalian cell line.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	C2645N
Purification	> 90% pure (SDS-PAGE). Protein A Chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended antibody pairs f Suggested pair for testing (Capture - Detection): DCAB-TJ214 - DCAB-TJ216
Format	Purified, Liquid
Concentration	Lot Specific mg/mL (Lowry Method)
Buffer	PBS, pH 7.4

Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

GENE INFORMATION

Gene Name	IGFBP4 insulin-like growth factor binding protein 4 [Homo sapiens (human)]
Official Symbol	IGFBP4
Synonyms	IGFBP4; insulin-like growth factor binding protein 4; BP-4; IBP4; IGFBP-4; HT29-IGFBP; insulin-like growth factor-binding protein 4; IBP-4; IGF-binding protein 4; Insulin-like growth factor-binding protein 4
Entrez Gene ID	3487
Protein Refseq	NP_001543
UniProt ID	A0A024R1U8
Chromosome Location	17q12-q21.1
Pathway	Metabolism of proteins, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem; Regulation of Insulin-like Growth Factor (IGF) transport and uptake by Insulin-like Growth Factor Binding Proteins (IGFBPs),
Function	insulin-like growth factor binding