



# Magic™ Anti-IGFBP4 monoclonal antibody, clone C2642N (DCAB-TJ215)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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
<b>Specificity</b>	Human Insulin-Like Growth Factor Binding Protein 4, N-Terminal (NT-IGFBP-4)
<b>Immunogen</b>	Recombinant IGFBP-4 expressed in a mammalian cell line.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	C2642N
<b>Purification</b>	> 90% pure (SDS-PAGE). Protein A Chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	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 Suggested pair for testing (Capture - Detection): <a href="#">DCAB-TJ217</a> - DCAB-TJ215
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot Specific mg/mL (Lowry Method)
<b>Buffer</b>	PBS, pH 7.4

<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IGFBP4 insulin-like growth factor binding protein 4 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	IGFBP4
<b>Synonyms</b>	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
<b>Entrez Gene ID</b>	<a href="#">3487</a>
<b>Protein Refseq</b>	<a href="#">NP_001543</a>
<b>UniProt ID</b>	<a href="#">A0A024R1U8</a>
<b>Chromosome Location</b>	17q12-q21.1
<b>Pathway</b>	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),
<b>Function</b>	insulin-like growth factor binding