



# Magic™ Anti-IGFBP5 monoclonal antibody, clone JCQG98 (DMAB-L21044)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with human IGFBP-5 recombinant fragment expressed in E. coli corresponding to amino acid residues Lys164-Glu272 , synthetic peptide fro
<b>Antigen Description</b>	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.
<b>Specificity</b>	Human IGFBP-5
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	JCQG98
<b>Purification</b>	Chromatography on protein A Sepharose
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Recommended pairs for IGFBP-5 immunodetection in sandwich immunoassay (capture-detection): DMAB-L21043 – DMAB-L21044. Western Blotting
<b>Procedure</b>	Matched Antibody Pairs
<b>Buffer</b>	PBS, pH 7.4, 0.1 % sodium azide (NaN?)
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	4°C

## GENE INFORMATION

**Gene Name** [IGFBP5 insulin-like growth factor binding protein 5 \[ Homo sapiens \]](#)

<b>Official Symbol</b>	IGFBP5
<b>Synonyms</b>	IGFBP5; insulin-like growth factor binding protein 5; insulin-like growth factor-binding protein 5; IBP 5; IBP-5; IBP5; IBP5_HUMAN; IGF binding protein 5; IGF BP5; IGF-binding protein 5; IGFBP 5; IGFBP-5; IGFBP5; Insulin Like Growth Factor Binding Protein
<b>Entrez Gene ID</b>	<a href="#">3488</a>
<b>Protein Refseq</b>	<a href="#">NP_000590</a>
<b>UniProt ID</b>	<a href="#">A0A024R433</a>
<b>Pathway</b>	Diabetes pathways, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem; Regulation of Insulin-like Growth Factor (IGF) Activity by Insulin-like Growth Factor Binding Proteins (IGFBPs), organism-specific
<b>Function</b>	fibronectin binding; insulin-like growth factor I binding; protein binding;