



Magic™ Anti-IGFBP5 monoclonal antibody, clone JCQG23 (DMAB-L21043)

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

PRODUCT INFORMATION

Product Overview	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
Antigen Description	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.
Specificity	Human IGFBP-5
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	JCQG23
Purification	Chromatography on protein A Sepharose
Conjugate	Unconjugated
Applications	Recommended pairs for IGFBP-5 immunodetection in sandwich immunoassay (capture-detection): DMAB-L21043 – DMAB-L21044. Western Blotting
Size	1 mg
Buffer	PBS, pH 7.4, 0.1 % sodium azide (NaN ₃)
Preservative	0.1% Sodium Azide

Storage

4°C

GENE INFORMATION

Gene Name	IGFBP5 insulin-like growth factor binding protein 5 [Homo sapiens]
Official Symbol	IGFBP5
Synonyms	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
Entrez Gene ID	3488
Protein Refseq	NP_000590
UniProt ID	A0A024R433
Pathway	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
Function	fibronectin binding; insulin-like growth factor I binding; protein binding;