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12-9416B: Biotinylated Anti-IGFBP7 antibody(DMC422); IgG1 Chimeric mAb

Clonality :	Monoclonal
Clone Name :	DMC422
Application :	Flow Cyt
Reactivity :	Human
Gene :	IGFBP7
Uniprot ID :	Q16270
Alternative Name :	IBP-7; TAF; IGFBP-rP1; MAC25 protein
Isotype :	IgG1

Description

This gene encodes a member of the insulin-like growth factor (IGF)-binding protein (IGFBP) family. IGFBPs bind IGFs with high affinity; and regulate IGF availability in body fluids and tissues and modulate IGF binding to its receptors. This protein binds IGF-I and IGF-II with relatively low affinity; and belongs to a subfamily of low-affinity IGFBPs. It also stimulates prostacyclin production and cell adhesion. Alternatively spliced transcript variants encoding different isoforms have been described for this gene; and one variant has been associated with retinal arterial macroaneurysm (PMID:21835307).

Product Info

Amount :	10 µg / 100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Application Note

Flow Cyt 1:100

For Research Use Only. Not for use in diagnostic/therapeutics procedures.