

IGF I Antibody FITC Conjugated

Catalog No: #C05321F

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Description

Product Name	IGF I Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 70-118 195 derived from human IGF I
Conjugates	FITC
Target Name	IGF I
Other Names	IGFI; IGF-I; IGF1A; Insulin-like growth factor I; Mechano growth factor; MGF; Somatomedin-C; IGF1; IBP1
Accession No.	Swiss-Prot#P05019NCBI Gene ID3479
Uniprot	P05019
GeneID	3479;
Excitation Emission	494nm 518nm
Cell Localization	Secreted
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=2ug/Test IF=1:50-200

Background

The insulin-like growth factors, isolated from plasma, are structurally and functionally related to insulin but have a much higher growth-promoting activity. May be a physiological regulator of [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblasts. Stimulates glucose transport in rat bone-derived osteoblastic (PyMS) cells and is effective at much lower concentrations than insulin, not only regarding glycogen and DNA synthesis but also with regard to enhancing glucose uptake. May play a role in synapse maturation.

Note: This product is for in vitro research use only