

IGF1R Antibody FITC Conjugated

Catalog No: #C00165F

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Description

Product Name	IGF1R Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 260-290 1367 derived from human IGF-1R alpha chain
Conjugates	FITC
Target Name	IGF1R
Other Names	IGFR; CD221; IGFIR; JTK13; Insulin-like growth factor 1 receptor; Insulin-like growth factor I receptor; IGF-I receptor; IGF1R
Accession No.	Swiss-Prot#P08069NCBI Gene ID3480
Uniprot	P08069
GeneID	3480;
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
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=1:50-200 ICC=1:50-200 IF=1:50-200

Background

When present in a hybrid receptor with INSR, binds IGF1. PubMed:12138094 shows that hybrid receptors composed of IGF1R and INSR isoform Long are activated with a high affinity by IGF1, with low affinity by IGF2 and not significantly activated by insulin, and that hybrid receptors composed of IGF1R and INSR isoform Short are activated by IGF1, IGF2 and insulin. In contrast, PubMed:16831875 shows that hybrid receptors composed of IGF1R and INSR isoform Long and hybrid receptors composed of IGF1R and INSR isoform Short have similar binding characteristics, both bind IGF1 and have a low affinity for insulin.

Note: This product is for in vitro research use only