FGFR3 Conjugated Antibody

Catalog No: #C49449

Package Size: #C49449-AF350 100ul #C49449-AF405 100ul #C49449-AF488 100ul #C49449-AF555 100ul #C49449-AF594 100ul #C49449-AF647 100ul #C49449-AF680 100ul #C49449-AF750 100ul #C49449-Biotin 100ul

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Description

Product Name	FGFR3 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ACH antibody CD 333 antibody CD333 antibody CD333 antigen antibody CEK 2 antibody CEK2 antibody FGFR 3 antibody FGFR-3 antibody FGFR3 antibody FGFR3_HUMAN antibody Fibroblast growth factor receptor 3 (achondroplasia thanatophoric dwarfism) antibody Fibroblast growth factor receptor 3 antibody Heparin binding growth factor receptor antibody HSFGFR3EX antibody Hydroxyaryl protein kinase antibody JTK 4 antibody JTK4 antibody MFR 3 antibody SAM 3 antibody Tyrosine kinase JTK 4 antibody Tyrosine kinase JTK4 antibody Z FGFR 3 antibody
Accession No.	Swiss-Prot#:P22607
Uniprot	P22607
GeneID	2261;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	100 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Acidic and basic fibroblast growth factors (FGFs) are members of a family of multifunctional polypeptide growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. Like other growth factors, FGFs act by binding and activating specific cell surface receptors. These include the Flg receptor or FGFR-1, the Bek receptor or FGFR-2, FGFR-3, FGFR-4, FGFR-5 and FGFR-6. These receptors usually contain an extracellular ligand-binding region containing three immunoglobulin-like domains, a transmembrane domain and a cytoplasmic tyrosine kinase domain. The gene encoding human FGFR-3 maps to chromosome 4p16 and is alternatively spliced to produce three isoforms that are expressed in brain, kidney and testis. Defects in FGFR-3 are associated with several diseases, including Crouzon syndrome, achondroplasia, thanatophoric dysplasia, craniosynostosis adelaide type and hypochondroplasia. Mutations in FGFR-3 are also a cause of some bladder and cervical cancers.

Note: This product is for in vitro research use only