FGFR1 Conjugated Antibody

Catalog No: #C49175

Package Size: #C49175-AF350 100ul #C49175-AF405 100ul #C49175-AF488 100ul #C49175-AF555 100ul #C49175-AF594 100ul #C49175-AF647 100ul #C49175-AF680 100ul #C49175-AF750 100ul #C49175-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	FGFR1 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	Basic fibroblast growth factor receptor 1 antibody bFGF-R-1 antibody BFGFR antibody CD331 antibody CEK antibody FGFBR antibody FGFR 1 antibody FGFR-1 antibody FGFR1 antibody FGFR1/PLAG1 fusion antibody FGFR1_HUMAN antibody fibroblast growth factor receptor 1 antibody FLG antibody FLT-2 antibody FLT2 antibody Fms-like gene antibody Fms-like tyrosine kinase 2 antibody fms-related tyrosine kinase 2 antibody HBGFR antibody heparin-binding growth factor receptor antibody HH2 antibody HRTFDS antibody hydroxyaryl-protein kinase antibody KAL2 antibody N-SAM antibody OGD antibody Proto-oncogene c-Fgr antibody
Accession No.	Swiss-Prot#:P11362
Uniprot	P11362
GeneID	2260;
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	100,140 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 (FGFR-1), the Bek receptor (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 Flg maps to chromosome 8p12 and is alternatively spliced to produce several isoforms. Mutations in Flg are associated with Pfeiffer syndrome (a skeletal disorder characterized by craniosynostosis with deviation and enlargement of the thumbs and great toes), brachymesophalangy with phalangeal ankylosis and a varying degree of soft tissue syndactyly. The Flg gene is also involved in chromosomal translocations with ZNF198, CEP110 and FOP, which may lead to stem cell leukemia lymphoma (SCLL).

Note: This product is for in vitro research use only