FGFR1OP2 Conjugated Antibody

Catalog No: #C36480

Package Size: #C36480-AF350 100ul #C36480-AF405 100ul #C36480-AF488 100ul #C36480-AF555 100ul #C36480-AF594 100ul #C36480-AF647 100ul #C36480-AF680 100ul #C36480-AF750 100ul #C36480-Biotin 100ul

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

Description

Product Name	FGFR1OP2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total FGFR1OP2 protein.
Immunogen Description	Full length fusion protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	WIT3.0; HSPC123-like
Accession No.	Swiss-Prot#:Q9NVK5NCBI Gene ID:26127NCBI Protein#:BC032143
Uniprot	Q9NVK5
GeneID	26127;
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
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 which include the Flg receptor (FGFR-1) and the Bek receptor (FGFR-2), as well as FGFR-3, FGFR-4, FGFR-5 and FGFR-6. FGFR1OP2 (FGFR1 oncogene partner 2), also known as HSPC123, is a 253 amino acid cytoplasmic protein that is expressed in spleen, thymus and bone marrow and is involved in wound healing under normal cellular conditions. Additionally, FGFR1OP2 may also exist as an aberrant fusion protein with Flg and it is thought that the FGFR1OP2-Flg mutant may play a role in the pathogenesis of stem cell myeloproliferative disorder (MPD). Multiple isoforMouse of FGFR1OP2 exist due to alternative splicing events.

Note: This product is for in vitro research use only