

## Flg (phospho Tyr154) Polyclonal Antibody

Catalog No: #13868



Package Size: #13868-1 50ul #13868-2 100ul

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## Description

Product Name	Flg (phospho Tyr154) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IF/ICC,ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Flg (Y154) Polyclonal Antibody detects endogenous levels of Flg protein only when phosphorylated at Y154.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human FGFR1 around the phosphorylation site of Tyr154. AA range:121-170
Other Names	FGFR1; BFGFR; CEK; FGFBR; FLG; FLT2; HBGFR; Fibroblast growth factor receptor 1; FGFR-1; Basic fibroblast growth factor receptor 1; BFGFR; bFGF-R-1; Fms-like tyrosine kinase 2; FLT-2; N-sam; Proto-oncogene c-Fgr; CD antigen CD331
Accession No.	Swiss Prot:P11362GenelD:2260
Uniprot	P11362
GenelD	2260
SDS-PAGE MW	145 91
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

## Background

fibroblast growth factor receptor 1(FGFR1) Homo sapiens The protein encoded by this gene is a member of the fibroblast growth factor receptor (FGFR) family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein consists of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. This particular family member binds both acidic and basic fibroblast growth factors and is involved in limb induction. Mutations in this gene have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome,

Note: This product is for in vitro research use only