

**Product Name: Flg Rabbit Polyclonal Antibody****Catalog #: APRab11018**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
<b>Molecular Weight</b>	full length 120-140kDa,FOP-FGFR1 90kDa

**Antigen Information**

<b>Gene Name</b>	FGFR1 BFGFR CEK FGFBR FLG FLT2 HBGFR FGFR1; BFGFR; CEK; FGFBR; FLG; FLT2; HBGFR; Fibroblast growth factor receptor 1; FGFR-1;
<b>Alternative Names</b>	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
<b>Gene ID</b>	2260.0
<b>SwissProt ID</b>	P11362
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human FGFR1. AA range:626-675

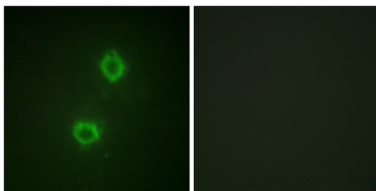
## Background

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.

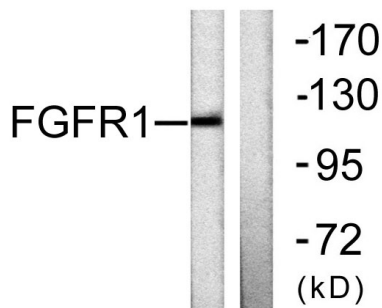
## Research Area

MAPK\_ERK\_Growth;MAPK\_G\_Protein;Adherens\_Junction;Regulates Actin and Cytoskeleton;Pathways in cancer;Prostate cancer;Melanoma;

## Image Data



Immunofluorescence analysis of HUVEC cells, using FGFR1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293 cells, using FGFR1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Flg Polyclonal Antibody diluted at 1 : 1000