

Anti-FGF1 Antibody Picoband® FITC Conjugated

Catalog Number: PB9944-FITC

About FGF1

Fibroblast growth factor 1 (acidic), also known as FGF1/ECGF/HBGF1, is a human gene which is mapped to 5q31. The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It also acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis.

Overview

Product Name	Anti-FGF1 Antibody Picoband® FITC Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P05230

Technical Details

Immunogen	E. coli-derived human FGF1 recombinant protein (Position: F16-D155). Human FGF1 shares 96.4% amino acid (aa) sequence identity with both mouse and rat FGF1.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

1 Publications Citing This Product

1. PubMed ID: 25667662, Zhang L, Wang H, Wang T, Jiang N, Yu P, Chong Y, Fu F. Exp Ther Med. 2015 Mar;9(3):972-976. Epub 2014 Dec 24. Ferulic Acid Ameliorates Nerve Injury Induced By Cerebral Ischemia In Rats.

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