

Datasheet for ABIN969138
anti-FGFR1 antibody (AA 22-376)



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Overview

Quantity:	100 µL
Target:	FGFR1
Binding Specificity:	AA 22-376
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FGFR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant extracellular fragment of human FGFR1 (aa22-376) fused with hIgGFc tag expressed in HEK293 cells.
Clone:	3D4F7
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	FGFR1
Alternative Name:	FGFR1 (FGFR1 Products)
Background:	Description: Fibroblast growth factor receptor 1 (FGFR1), also known as basic fibroblast growth

Target Details

factor receptor 1, fms-related tyrosine kinase-2 / Pfeiffer syndrome, and CD331, is a receptor tyrosine kinase whose ligands are specific members of the fibroblast growth factor family. FGFR1 has been shown to be associated with Pfeiffer syndrome. It 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.

Aliases: CEK, FLG, OGD, FLT2, KAL2, BFGFR, CD331, FGFBR, HBGFR

Molecular Weight: 92 kDa

Gene ID: 2260

HGNC: 2260

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Sensory Perception of Sound](#), [Stem Cell Maintenance](#), [S100 Proteins](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

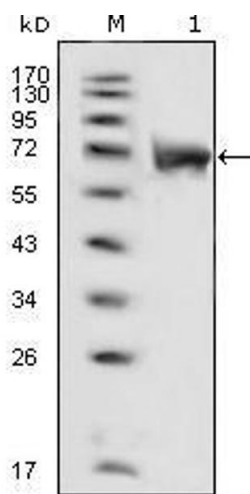
Publications

Product cited in:

Dupasquier, Abdel-Samad, Glazer, Bastide, Jay, Joubert, Cavaillès, Blache, Quittau-Prévostel: "A new mechanism of SOX9 action to regulate PKCalpha expression in the intestine epithelium." in: **Journal of cell science**, Vol. 122, Issue Pt 13, pp. 2191-6, (2009) ([PubMed](#)).

Gordon, Tan, Benko, Fitzpatrick, Lyonnet, Farlie: "Long-range regulation at the SOX9 locus in development and disease." in: **Journal of medical genetics**, Vol. 46, Issue 10, pp. 649-56, (2009) ([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis using FGFR1 mouse mAb against extracellular domain of human FGFR1 (aa22-376).