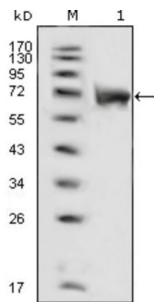


Fibroblast Growth Factor Receptor 1 (FGFR1) Antibody

Catalogue No.: abx011769



Western blot analysis using FGFR1 antibody against extracellular domain of human FGFR1 (aa22-376).

The protein encoded by this gene is a member of the fibroblast growth factor receptor 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 can lead to Pfeiffer syndrome and Jackson-Weiss syndrome. The genomic organization of this gene is very similar to family members 2-4, encompassing 19 exons that are subject to complex alternative splicing, which allows for structural, tissue expression and ligand affinity variations among the isoforms.

Target: Fibroblast Growth Factor Receptor 1 (FGFR1)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA

Host: Mouse

Recommended dilutions: ELISA: 1/10000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant extracellular fragment of human FGFR1 (aa22-376) fused with hIgGFc tag expressed in HEK293 cells.

Isotype: IgG_{2b}

Form: Liquid

Purification: Unpurified ascites.

Datasheet

Version: 1.0.0
Revision date: 06 Oct 2024



Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P11362 (UniProt , ExpASY)
Gene Symbol:	FGFR1
GeneID:	2260
OMIM:	136350
HGNC:	3688
KEGG:	hsa:2260
Ensembl:	ENSG00000077782
String:	9606.ENSP00000393312
Molecular Weight:	92 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	This product is for research use only.

For Reference Only