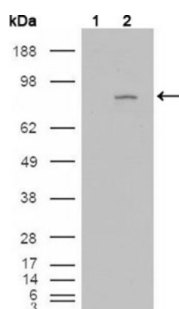
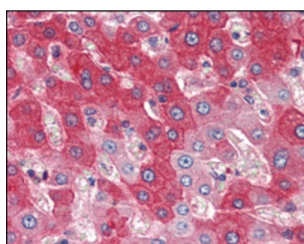


Fibroblast Growth Factor Receptor 4 (FGFR4) Antibody

Catalogue No.: abx011770



Western blot analysis using FGFR4 antibody against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY FGFR4 cDNA (2).



Immunohistochemical analysis of paraffin-embedded human liver tissues using FGFR4 mAb.

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 would consist 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. The genomic organization of this gene, compared to members 1-3, encompasses 18 exons rather than 19 or 20. Although alternative splicing has been observed, there is no evidence that the C-terminal half of the IgIII domain of this protein varies between three alternate forms, as indicated for members 1-3. This particular family member preferentially binds acidic fibroblast growth factor and, although its specific function is unknown, it is overexpressed in gynecological tumor samples, suggesting a role in breast and ovarian tumorigenesis.

Target:	Fibroblast Growth Factor Receptor 4 (FGFR4)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, IHC
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated

Datasheet

Version: 2.0.0
Revision date: 07 Sep 2025



Immunogen:	Purified recombinant fragment of FGFR4 expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P22455 (UniProt , ExPASy)
Gene Symbol:	FGFR4
GeneID:	2264
OMIM:	134935
HGNC:	3691
KEGG:	hsa:2264
Ensembl:	ENSG00000160867
String:	9606.ENSP00000292408
Enzyme Commission Number:	EC 2.7.10.1
Molecular Weight:	87.9 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.