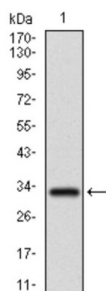
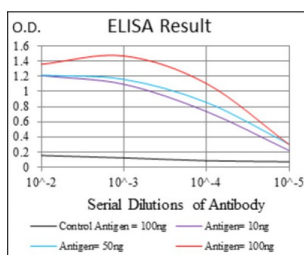


## Fibroblast Growth Factor 4 (FGF4) Antibody

Catalogue No.: abx016027



Western blot analysis using FGF4 antibody against human FGF4 recombinant protein. (Expected MW is 32.6 kDa).



Western blot analysis using FGF4 antibody against HEK293 (1) and FGF4 (AA: 62-123) - hlgGfc transfected HEK293 (2) cell lysate.

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 gene was identified by its oncogenic transforming activity. This gene and FGF3, another oncogenic growth factor, are located closely on chromosome 11. Co-amplification of both genes was found in various kinds of human tumors. Studies on the mouse homolog suggested a function in bone morphogenesis and limb development through the sonic hedgehog (SHH) signaling pathway.

**Target:** Fibroblast Growth Factor 4 (FGF4)

**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 fragment of human FGF4 (AA: 62-123) expressed in E. coli.

**Isotype:** IgG<sub>1</sub>

# Datasheet

Version: 2.0.0

Revision date: 30 May 2025



<b>Form:</b>	Liquid
<b>Purification:</b>	Purified from ascites by Protein G chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P08620 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	FGF4
<b>GeneID:</b>	<a href="#">2249</a>
<b>OMIM:</b>	<a href="#">164980</a>
<b>HGNC:</b>	3682
<b>KEGG:</b>	hsa:2249
<b>Ensembl:</b>	ENSG00000075388
<b>String:</b>	<a href="#">9606.ENSP00000168712</a>
<b>Molecular Weight:</b>	22 kDa
<b>Buffer:</b>	PBS, containing 0.05% sodium azide.
<b>Concentration:</b>	1 mg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.