

Datasheet for ABIN952315
anti-FGF9 antibody (N-Term)

3 Images

[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	FGF9 (FGF-9)
Binding Specificity:	AA 38-66, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF9 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 38-66 amino acids from the N-terminal region of human FGF9
Isotype:	Ig Fraction
Specificity:	This antibody reacts to FGF9.
Cross-Reactivity (Details):	Species reactivity (tested): Human and Mouse.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	FGF9 (FGF-9)
Alternative Name:	FGF9 (FGF-9 Products)

Target Details

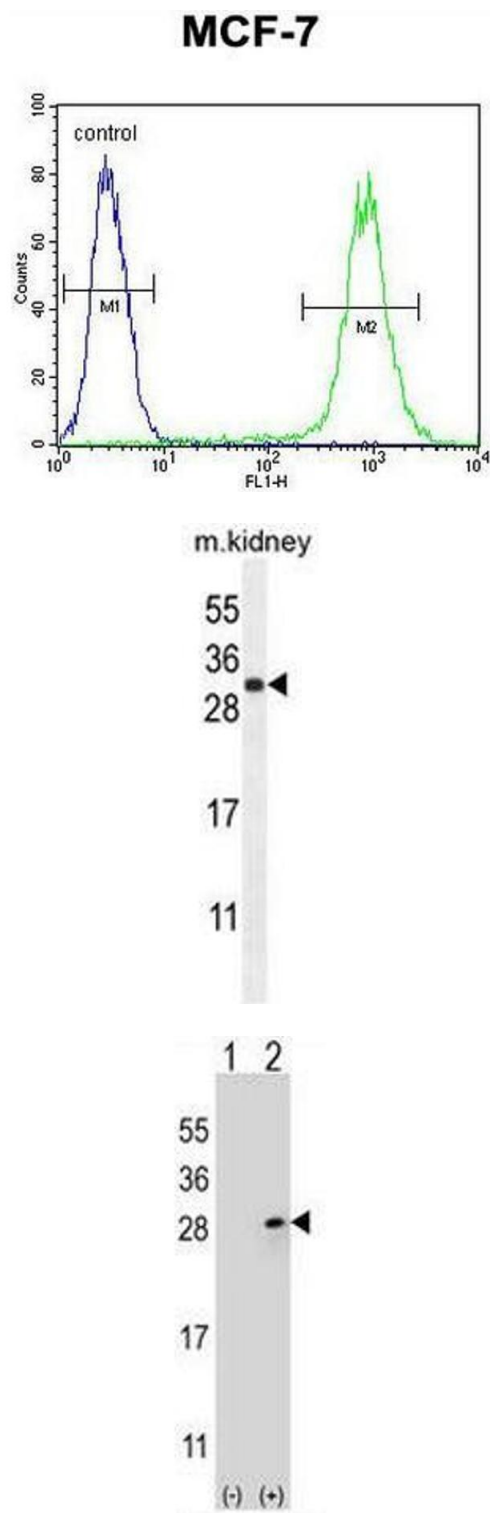
Background:	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein was isolated as a secreted factor that exhibits a growth-stimulating effect on cultured glial cells. In nervous system, this protein is produced mainly by neurons and may be important for glial cell development. Expression of the mouse homolog of this gene was found to be dependent on Sonic hedgehog (Shh) signaling. Mice lacking the homolog gene displayed a male-to-female sex reversal phenotype, which suggested a role in testicular embryogenesis. Synonyms: Fibroblast growth factor 9, GAF, Glia-activating factor, HBGF9, Heparin-binding growth factor 9
Molecular Weight:	23441 Da
Gene ID:	2254
NCBI Accession:	NP_002001

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. FGF9 Antibody (N-term) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. FGF9 Antibody (N-term) western blot analysis in mouse kidney tissue lysates (35µg/lane). This demonstrates the FGF9 antibody detected the FGF9 protein (arrow).

Western Blotting

Image 3. Western blot analysis of FGF9 (arrow) using rabbit polyclonal FGF9 Antibody (N-term) . 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the FGF9 gene.