

Datasheet for ABIN7193503
anti-FGF2 antibody (AA 143-288)[Go to Product page](#)

4 Images

Overview

Quantity:	0.1 mg
Target:	FGF2
Binding Specificity:	AA 143-288
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FGF2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human FGF2 (AA: 143-288) expressed in E. coli.
Clone:	1D6B5
Isotype:	IgG1
Purification:	purified

Target Details

Target:	FGF2
Alternative Name:	FGF2 (FGF2 Products)
Background:	Description: The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members bind heparin and possess broad mitogenic and angiogenic

Target Details

activities. This protein has been implicated in diverse biological processes, such as limb and nervous system development, wound healing, and tumor growth. The mRNA for this gene contains multiple polyadenylation sites, and is alternatively translated from non-AUG (CUG) and AUG initiation codons, resulting in five different isoforms with distinct properties. The CUG-initiated isoforms are localized in the nucleus and are responsible for the intracrine effect, whereas, the AUG-initiated form is mostly cytosolic and is responsible for the paracrine and autocrine effects of this FGF.

Aliases: BFGF, FGFB, FGF-2, HBGF-2

Molecular Weight: 30.7 kDa

Gene ID: 2247

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [C21-Steroid Hormone Metabolic Process](#), [Inositol Metabolic Process](#), [Glycosaminoglycan Metabolic Process](#), [Protein targeting to Nucleus](#), [S100 Proteins](#)

Application Details

Application Notes: WB:1:500 - 1:2000, ICC:1:200 - 1:1000, ELISA:1:10000,

Restrictions: For Research Use only

Handling

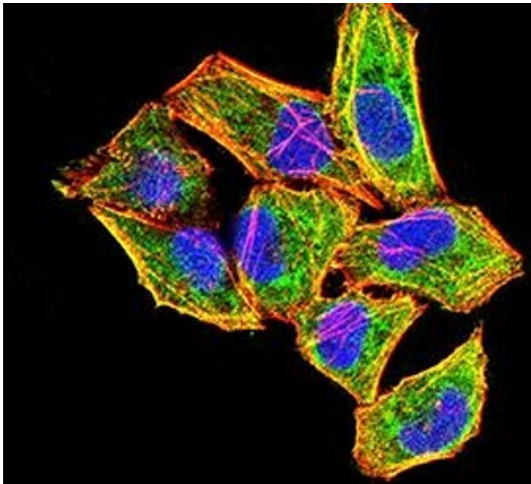
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

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

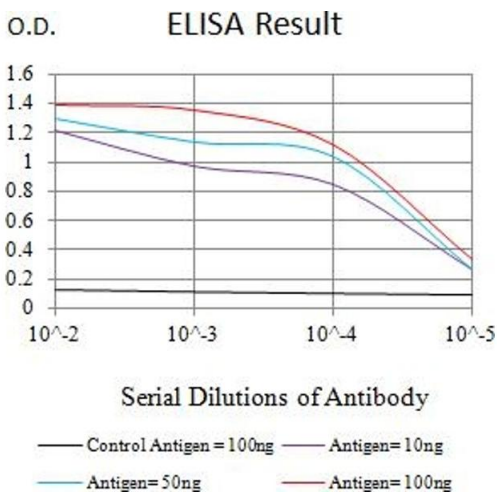
Storage: 4 °C/-20 °C

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



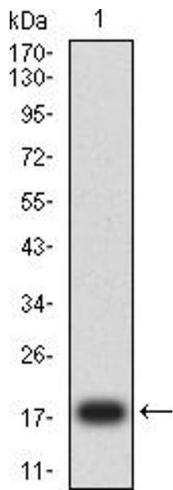
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using FGF2 mouse mAb (green). Blue: DAPI fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using FGF2 mAb against human FGF2 (AA: 143-288) recombinant protein. (Expected MW is 18 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193503.