

Rabbit anti-Human FGF2 Monoclonal Antibody | anti-FGF2 antibody

FGF2 Rabbit mAb

CATALOG # AAA282953	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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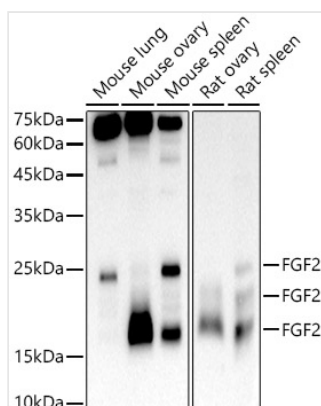
PRODUCT SYNONYMS

FGF2; Monoclonal Antibody; FGF2 Rabbit mAb; BFGF; FGFB; FGF-2; HBGF-2; anti-FGF2 antibody

PRODUCT SPECIFICATIONS

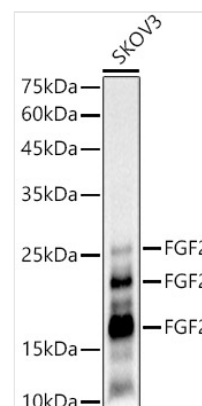
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	RAPERVGGRG RGRGTAAPRA APAARGSRPG PAGTMAAGSI TTLPALPEDG GSGAFPPGHF KDPKRLYCKN GGFFLRIHPD GRVDGVREKS DPHIKLQLQA E
Applicable Applications for anti-FGF2 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human FGF2 (NP_001997.5).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using FGF2 Rabbit mAb (AAA282953) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of lysates from SKOV3 cells, using FGF2 Rabbit mAb (AAA282953) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-FGF2 antibody	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 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.
Product Categories/Family for anti-FGF2 antibody	Cancer; Invasion and Metastasis; Signal Transduction; Cell Biology Developmental Biology; Growth factors; Neuroscience; Stem Cells; Neural Stem Cells; Cardiovascular; Angiogenesis; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	56068041
NCBI GeneID	2247
UniProt Accession #	P09038; O00527; P78443; Q16443; Q5PY50; Q7KZ11; Q7KZ72; Q9UC54; Q9UCS5; Q9UCS6; A4LBB8
Molecular Weight	Calculated MW: 17kDa/21kDa/22kDa/30kDa Observed MW: 18kDa/22kDa/26kDa
UniProt Protein Name	Fibroblast growth factor 2
UniProt Gene Name	FGF2
UniProt Synonym Gene Names	FGFB; FGF-2; bFGF; HBGF-2
UniProt Entry Name	FGF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fgf2-antibody-western-blot-elisa/282953>