

Anti-FGF2 antibody (143-288) (STJ23655)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

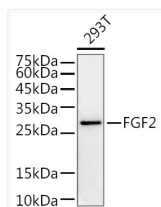
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 31kDa Observed Mw: 26kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

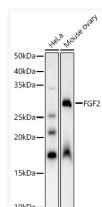
Gene ID	2247
Gene Symbol	FGF2
UniProt ID	FGF2_HUMAN
Immunogen Region	143-288
Immunogen Sequence	PALPEDGGSGAFPPGHFKDP KRLYCKNGGFFLRHPDGRV DGVREKSDPHIKLQLQAEER GVVSIKGVCANRYLAMKEDG RLLASKCVTDECFERLES NNYNTYRSRKYTSWYVALKR TGQYKLGSKTGPGQKAILFL PMSAKS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 143-288 of human FGF2 (NP_001997.5).

ADDITIONAL INFORMATION

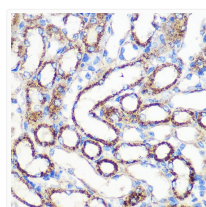
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



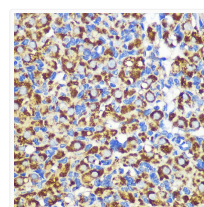
Western blot analysis of extracts of 293T cells, using FGF2 antibody (STJ23655) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



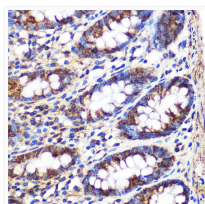
Western blot analysis of extracts of various cell lines, using FGF2 antibody (STJ23655) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



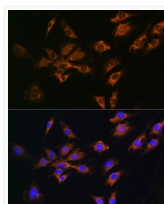
Immunohistochemistry analysis of paraffin-embedded mouse kidney using FGF2 rabbit polyclonal antibody (STJ23655) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



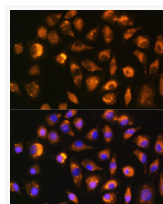
Immunohistochemistry analysis of paraffin-embedded Rat ovary using FGF2 rabbit polyclonal antibody (STJ23655) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



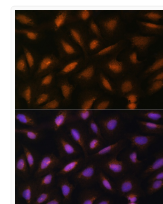
Immunohistochemistry analysis of paraffin-embedded Human colon using FGF2 rabbit polyclonal antibody (STJ23655) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of C6 cells using FGF2 rabbit polyclonal antibody (STJ23655) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using FGF2 rabbit polyclonal antibody (STJ23655) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using FGF2 rabbit polyclonal antibody (STJ23655) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.