

Anti-FGF2 antibody (100-200) [S4845RM] (STJ11104845)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

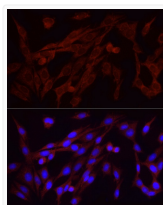
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 31kDa Observed Mw: 18kDa/22kDa/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

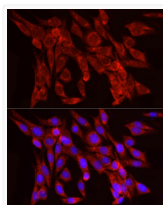
Gene ID	2247
Gene Symbol	FGF2
UniProt ID	FGF2_HUMAN
Immunogen Region	100-200
Immunogen Sequence	RAPERVGGRRGRGTAAAPRA APAARGSRPGPAGTMAAGSI TTLPALPEDGGSGAFPPGHF KDPKRLYCKNGGFFLRIHPD GRVDGVREKSDPHIKLQLQA E
Specificity	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human FGF2 (NP_001997.5).

ADDITIONAL INFORMATION

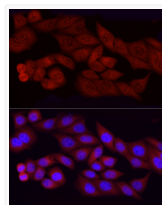
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



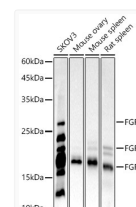
Immunofluorescence analysis of PC-12 using FGF2 Rabbit monoclonal antibody (STJ11104845) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 using FGF2 Rabbit monoclonal antibody (STJ11104845) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa using FGF2 Rabbit monoclonal antibody (STJ11104845) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of various lysates, using FGF2 antibody (STJ11104845) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.