

Anti-FGFR2 antibody (22-377) [S5090RM] (STJ11105090)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/FC/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

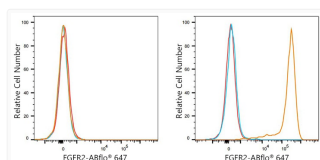
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 FC:1:100-1:500 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 92kDa Observed Mw: 145kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

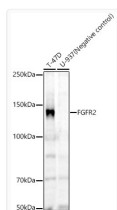
Gene ID	2263
Gene Symbol	FGFR2
UniProt ID	FGFR2_HUMAN
Immunogen Region	22-377
Immunogen Sequence	RPSFSLVEDTTLEPEEPPTK YQISQPEVYVAAPGESLEVR CLLKDAAVISWTKDGVHLGP NNRTVLIGEYLQIKGATPRD SGLYACTASRTVDSETWYFM VNVTDAISSGDDDDTDGAE DFVSENSNNKRAPYWTNTEK MEKRLHAVPAANTVKFRCPA GGNPMPTMRWLKNGKEFKQE HRIGGYKVRNQHWSLIMESV VPSDKGNYTCVVENEYGSIN HTYHLDVVERSHPRPILQA
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 22-377 of human FGFR2 (NP_000132.3).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Flow cytometry: 1X10⁶ HEL cells (negative control, Left) and KATO III cells (Right) were surface-stained with FGFR2 Rabbit monoclonal antibody (STJ11105090, 2 µg/mL, orange line) or AB10 647 Rabbit IgG isotype control (2 µg/mL, blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit polyclonal antibody (1:200 dilution) staining. Non-fluorescently stained cells were used as blank control (red line).



Western blot analysis of various lysates, using FGFR2 Rabbit monoclonal antibody (STJ11105090) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.