

Anti-FGFR1 Rabbit Monoclonal Antibody

Catalog Number: M00098

About FGFR1

Phosphoinositide-3-kinase (PI3K) that phosphorylates PtdIns (Phosphatidylinositol), PtdIns4P (Phosphatidylinositol 4-phosphate) and PtdIns (4,5) P2 (Phosphatidylinositol 4,5-bisphosphate) to generate phosphatidylinositol 3,4,5-trisphosphate (PIP3) . PIP3 plays a key role by recruiting PH domain-containing proteins to the membrane, including AKT1 and PDK1, activating signaling cascades involved in cell growth, survival, proliferation, motility and morphology. Participates in cellular signaling in response to various growth factors.

Overview

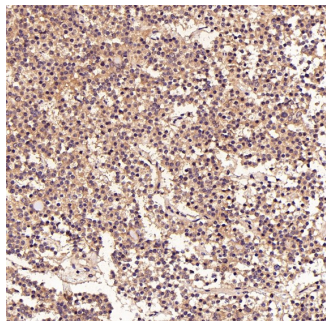
Product Name	Anti-FGFR1 Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-FGFR1 Rabbit Monoclonal Antibody catalog # M00098. Tested in WB, ICC/IF applications. This antibody reacts with Human.
Application	IF, ICC, WB
Clonality	Monoclonal EHC-6
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P11362

Technical Details

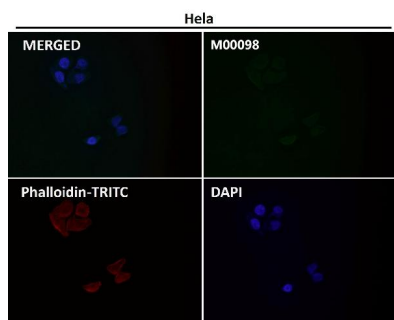
Immunogen	A synthesized peptide derived from human FGFR1
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:
WB 1:500-1:1000
ICC/IF 1:50-1:200

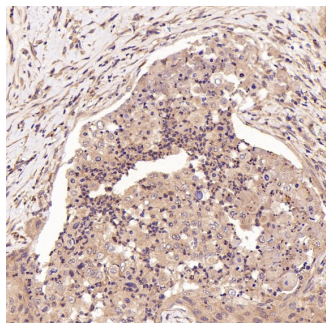
Anti-FGFR1 Rabbit Monoclonal Antibody (M00098) Images



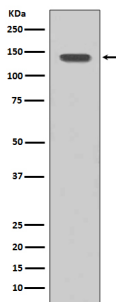
Immunohistochemical analysis of paraffin-embedded Human pituitary tumor, using the Antibody at 1:50 dilution.



Immunofluorescent analysis using the Antibody at 1:150 dilution.

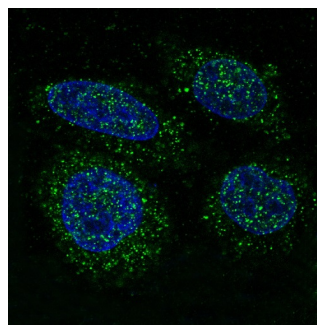
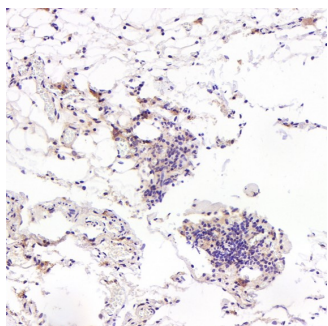


Immunohistochemical analysis of paraffin-embedded Human thymoma, using the Antibody at 1:50 dilution.



Western blot analysis of FGFR1 expression in SH-SY5Y cell lysate.

Immunohistochemical analysis of paraffin-embedded Rat pancreas, using the Antibody at 1:50 dilution.



Immunofluorescent analysis of HeLa cells, using FGFR1 Antibody.

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