FGFR1(S125L)

Catalog Number: 26252
Gene Symbol: FGFR1, BFGFR, CD331, CEK, FGFBR, FLG
Description: Anti-FGFR1 (S125L) Mouse Monoclonal Antibody

Background: The protein FGFR1 is highly conserved between members and throughout evolution. This particular family member of FGFR1 binds both acidic and basic fibroblast growth factors and is involved in limb induction.Mutations of FGFR1 protein have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome, Antley-Bixler syndrome, osteoglophonic dysplasia, squamouscell lung cancer and autosomal dominant Kallmann syndrome.

Immunogen: A synthetic peptide from the internal region of FGFR1，which includes the mutation of S125L, human origin.

Tested Applications: ELISA, WB, IHC

Recommended Dilutions:

ELISA: 1:1000-1:2000
WB: 1:500-1:1000
IHC: 1:50-1:100

Concentration: 1 mg/ml
Host: Mouse
Clonality: Monoclonal

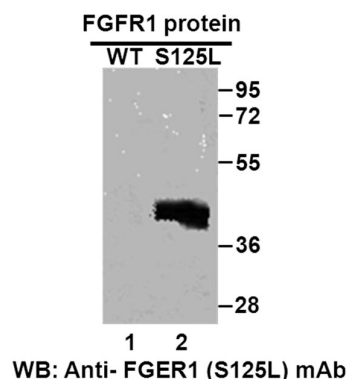**Purity:** Purified from ascites

Format: Liquid

Preservative: No

Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Recognizes S125L mutant,but not wild-type FGFR1 of vertebrates.

Storage Conditions: Store at -20°C. Avoid repeated freezing and thawing
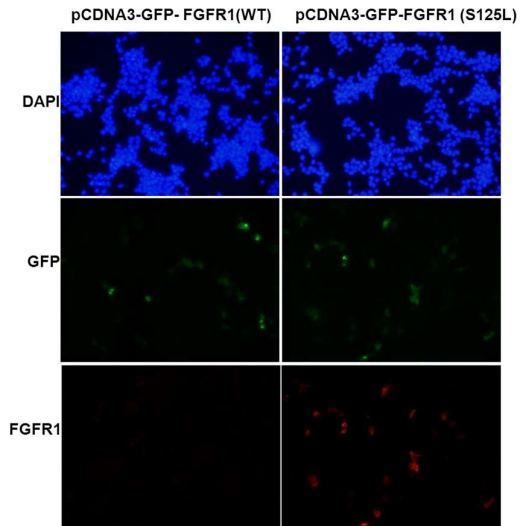
Western blot:

Western blot analysis of recombinant FGFR1 (S125L) and wild type proteins.

Purified His-tagged FGFR1 (S125L) protein (22-376aa,45KD, lane 2,) and corresponding wild type protein (lane 1) were blotted with anti-FGFR1 (S125L) monoclonal antibody (Cat. # 26252).

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

Immunofluorescence:

| | pCDNA3-GFP- FGFR1(WT) | pCDNA3-GFP-FGFR1 (S125L) |

Immunofluorescence of cells expressing FGFR1 proteins with anti-FGFR1 (S125L) antibody.

HEK293T cells were transfected withpCDNA3-GFP-FGFR1 (WT) plasmid (left column) or pCDNA3-GFP-FGFR1 (S125L) plasmid (right column), then fixed and stained with anti-FGFR1 (S125L) monoclonal antibody(Cat. # 26252).