



20150130ML

Anti-Human FGFR-3 (#6G11)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M417
Size:	100 µg
Lot. No.:	According to product label

Preparation: The antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with the recombinant extracellular domain of human Fibroblast Growth Factor Receptor-3 (sFGFR-3). The IgG1 fraction of the tissue culture supernatant was purified by Protein G affinity chromatography.

Target Background

Synonyms (Target):	FGFR3; ACH; CEK2; JTK4; CD333; HSFGR3EX
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Fibroblast Growth Factor Receptor 3 (FGF R3) is a type I transmembrane tyrosine kinase receptor that binds FGF ligands along with heparin or heparin sulfate proteoglycans as cofactors. A segment of the membrane proximal Ig-like domain can be encoded by two different exons resulting in (IIIb) or (IIIc) isoforms. The IIIb or IIIc isoforms recognize FGF1, 2, 4, 8b, 8e, 8f, 9, and 17b. FGF R3 plays a role in skeletal, brain, lung, intestine, kidney, and skin development.

Database References Target

Protein RefSeq:	NP_000133
Uniprot ID:	P22607
mRNA RefSeq:	NM_000142

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#6G11)
Isotype	IgG1
Purification	Protein G chromatography
Antigen	Recombinant human FGF-R3 EC domain
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human FGF-R3.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB, IHC (P)

Recommended usage:

Western Blot: 1:500 - 1:1000

IHC (paraffine): 1:20 - 1:100

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!