

**anti-FGFR3**

Cat #: HM1148  
Rabbit polyclonal IgG  
0.2 µg/µl, store at 4 °C

For research use only

**BACKGROUND**

Fibroblast growth factors (FGFs) belong to a family of growth factors that bind and activate specific cell surface receptors. These receptors include Flg receptor (FGFR-1), Bek receptor, FGFR-3, FGFR-4, FGFR-5 and FGFR-6. FGFRs contain an extracellular ligand-binding region containing three immunoglobulin-like domains, a transmembrane domain and a cytoplasmic tyrosine kinase domain. Activation of FGFRs stimulates the proliferation of many cell types. There are at least three isoforms of FGFR-3 that are expressed in brain, kidney and testis. Defects in FGFR-3 are associated with several diseases, including bladder and cervical cancers.

**SPECIFICITY**

This antibody specifically reacts with FGFR3 of human origin; non cross-reactive with Flg, Bek or FGFR4.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry. Recommended dilution for Western blot analysis is 1:500–1:1000. Molecular weight of FGFR3 is about 97 to 135 kDa.

**IMMUNOGEN**

A recombinant protein corresponding to the carboxy terminus of human FGFR-3.

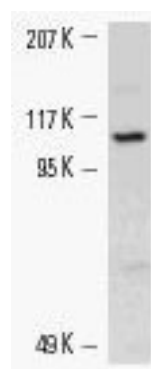
**STORAGE**

This antibody is stable for 24 months when stored at 2-8°C.

**REFERENCES**

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**DATA**

Western blot analysis of FGFR3 in A549 cells. Antibodies tested: anti-FGFR3 (HM1148).

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