

Product Information

Monoclonal Anti-FGFR4

Clone 53CT32.19.3

produced in mouse, purified immunoglobulin

Catalog Number **SAB1300137**

Storage Temperature **-20 °C**

Synonyms: Anti-CD334 antigen, Anti-FGFR-4, Anti-FGFR4, Anti-Fibroblast growth factor receptor 4, Anti-JTK2

Product Description

FGFR4 is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein would consist of an extracellular region composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment, and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. This particular family member preferentially binds acidic fibroblast growth factor and, although its specific function is unknown, it is overexpressed in gynecological tumor samples, suggesting a role in breast and ovarian tumorigenesis.

NCBI Accession number: NP_002002

Swiss Prot Accession number: P22455

This antibody was raised using purified recombinant FGFR4 fusion protein.

Immunogen: FGFR4 (NP_002002,)

Isotype: IgG1

Purified monoclonal antibody supplied in PBS with 0.09% (w/v) sodium azide.

Species reactivity: human

Tested applications: immunoblotting: 1:100-1:500
indirect ELISA: 1:1,000

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Store the product at **-20 °C** in working aliquots. Repeated freezing and thawing is not recommended. Storage in "frost-free" freezers is also not recommended. For continuous use, store at **2-8 °C** for up to one month. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilutions should be discarded if not used within 12 hours.

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