

For Research Use Only

Anti-Human FGFR3 Rabbit Recombinant Antibody

Catalog Number: 98631-2-RR



Basic Information

Catalog Number: 98631-2-RR	GenBank Accession Number: GeneID (NCBI): 2261	Purification Method: Protein A purification
Concentration: 100ug, 1000 µg/ml	UNIPROT ID: P22607-1	CloneNo.: 251774D11
Source: Rabbit	Full Name: fibroblast growth factor receptor 3	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Calculated MW: 88kd	
Immunogen Catalog Number: EG1040		

Applications

Tested Applications: FC	Positive Controls: FC : K562 cells,
Species Specificity: human	

Background Information

Fibroblast growth factors (FGFs) are polypeptide growth factors involved in a variety of activities including mitogenesis, angiogenesis, and wound healing (PMID: 1847508). The human FGF receptor family, a subfamily of receptor tyrosine kinases (RTKs), comprises of four family members-FGFR1, FGFR2, FGFR3, and FGFR4 (PMID: 23900974). Each receptor contains an extracellular domain with either two or three immunoglobulin-like domains, a transmembrane domain, and a cytoplasmic tyrosine kinase domain. FGFR3 binds acidic and basic fibroblast GH and plays a role in bone development and maintenance. Mutations in the FGFR3 gene lead to craniosynostosis and multiple types of skeletal dysplasia. Due to frequent mutations in certain cancers, the FGFR3 gene has also been associated with tumor progression.

Storage

Storage:
Store at 2 - 8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

For technical support and original validation data for this product please contact:

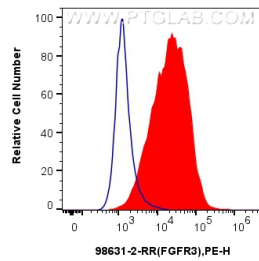
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Selected Validation Data



1x10⁶ K562 were surface stained with 0.25 ug Anti-Human FGFR3 Rabbit RecAb (98631-2-RR, Clone: 251774D11) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.