

For Research Use Only

Anti-Human FGFR3 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98631-2-PBS



Basic Information

Catalog Number:	98631-2-PBS	GenBank Accession Number:	Purification Method:
Size:	1mg, 3 mg/ml	GeneID (NCBI):	Protein A purification
Source:	Rabbit	2261	CloneNo.:
Isotype:	IgG	UNIPROT ID:	251774D11
Immunogen Catalog Number:	EG1040	P22607-1	
		Full Name:	
		fibroblast growth factor receptor 3	
		Calculated MW:	
		88kd	

Applications

Tested Applications:
FC
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.

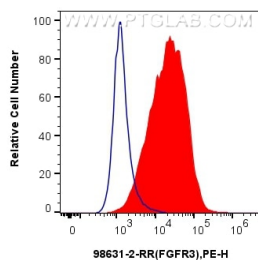
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



1×10^6 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. This data was developed using the same antibody clone with 98631-2-PBS in a different storage buffer formulation.