

For Research Use Only



FcZero-rAb® PE Anti-Human FGFR2/CD332 Rabbit Recombinant Antibody

Catalog Number: **PE-FcA98244**

Basic Information

Catalog Number: PE-FcA98244	GenBank Accession Number: NM_000141.4	Purification Method: Protein A purification
Concentration: 100tests, 5 ul/test	GeneID (NCBI): 2263	CloneNo.: 241383D11
Source: Rabbit	UNIPROT ID: P21802	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: fibroblast growth factor receptor 2	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Immunogen Catalog Number: EG1265	Calculated MW: 92kd	

Applications

Tested Applications: FC	Positive Controls: FC : Transfected HEK-293T cells,
Species Specificity: human	

Background Information

FGFR2 (Fibroblast growth factor receptor 2), also known as CD332, is a tyrosine-protein kinase that acts as a cell-surface receptor for fibroblast growth factors and plays an essential role in the regulation of cell proliferation, differentiation, migration, and apoptosis. Ligand binding leads to the activation of several signaling pathways, such as RAS, MAPK1/ERK2, MAPK3/ERK1, and the MAP Kinase signaling pathway, as well as the AKT1 signaling pathway. Mutations in the gene of FGFR2 are associated with Crouzon syndrome, Pfeiffer syndrome, Craniosynostosis, Apert syndrome, Jackson-Weiss syndrome, Beare-Stevenson cutis gyrata syndrome, Saethre-Chotzen syndrome, and syndromic craniosynostosis.

Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

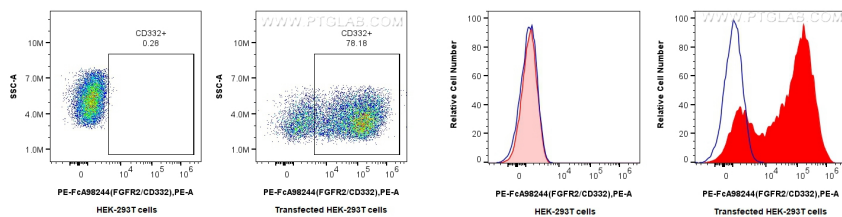
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Selected Validation Data



1x10⁶ HEK-293T cells or FGFR2/CD332 transfected HEK-293T cells were surface stained with 5 ul PE Anti-Human FGFR2/CD332 Rabbit RecAb (PE-FcA98244, Clone: 241383D11). Cells were not fixed.

1x10⁶ HEK-293T cells or FGFR2/CD332 transfected HEK-293T cells were surface stained with 5 ul PE Anti-Human FGFR2/CD332 Rabbit RecAb (PE-FcA98244, Clone: 241383D11) (red) or FcZero-rAb® PE Rabbit IgG Isotype Control Recombinant Antibody (PE-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.