

PE Rabbit anti-Human CD221α/IGF-1Rα mAb

Catalog NO.: A28122

Basic Information

Observed MW

Calculated MW

155kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

PE. Ex:565nm. Em:574nm.

Clone number

ARC76079

Background

This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

3480

Swiss Prot

P08069

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

IGFR; CD221; IGFIR; JTK13

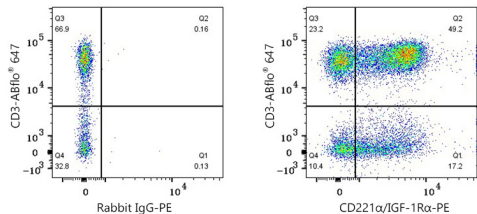
Contact

Product Information

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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.		

Validation Data



Flow cytometry: 1X10⁶ Human PBMC were surface-stained with ABflo® 647 Rabbit anti-Human/Monkey CD3 mAb (A26284,5 µl/Test) and PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Human CD221α/IGF-1Rα mAb (A28122,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.

