

Rabbit anti-Human CD28 mAb

Catalog NO.: A27700 **1 Publications**

Basic Information

Observed MW

Calculated MW

25kDa

Category

Monoclonal Antibodies

Applications

FC, in vitro T cell stimulation/activation

Cross-Reactivity

Human

Conjugation

Unconjugated

Clone number

ARC5173-07

Background

The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

FC

Recommended starting concentration is 2 µg/mL

Immunogen Information

Gene ID

940

Swiss Prot

P10747

Immunogen

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

Synonyms

Tp44

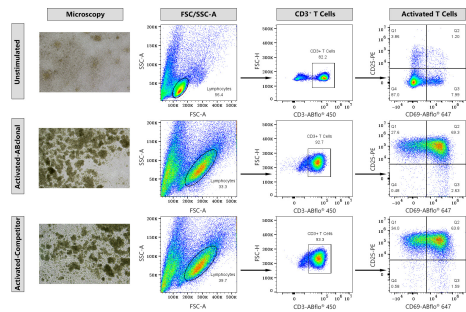
Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: 0.2 μm filtered in phosphate-buffered solution, pH 7.2, containing no preservative.		
Endotoxin Level: Less than 0.01 EU/μg of the protein (< 0.001 ng/μg of the protein) as determined by the LAL test.		

Validation Data



Flow cytometry: Human T cells in PBMC were activated using Mouse anti-Human CD3 mAb (A25761,2ug/ml) and Rabbit anti-Human CD28 mAb (A27700,2ug/ml), or competitor ‘s CD3/CD28 antibody for 72 hours. The unstimulated control was performed without treatment. Cells were fluorescently stained with ABflo® 450 Rabbit anti-Human CD3 mAb (A27177,5 μL/Test), PE Rabbit anti-Human CD25 mAb (A26773,5 μL/Test), ABflo® 647 Rabbit anti-Human CD69 mAb (A25892,5 μL/Test). The degree of T cell activation are defined as CD25+CD69+ cells on CD3+ T cells gate.

