

PE Rabbit anti-Human/Monkey CD10 mAb

Catalog NO.: A27893

Basic Information

Observed MW

Calculated MW

86kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human, Cynomolgus

Conjugation

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

Clone number

ARC73991

Background

The protein encoded by this gene is a type II transmembrane glycoprotein and a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis of human acute lymphocytic leukemia (ALL). The encoded protein is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restricted to leukemic cells, however, and is found on a variety of normal tissues. The protein is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

Hu 4311 /Cyno 101925772

Swiss Prot

P08473

Immunogen

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

Synonyms

NEP; SFE; CD10; CALLA; CMT2T; SCA43

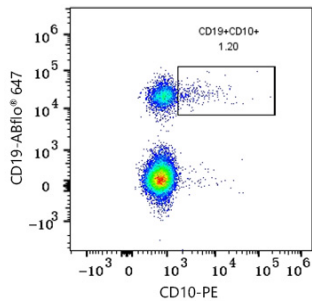
Contact

Product Information

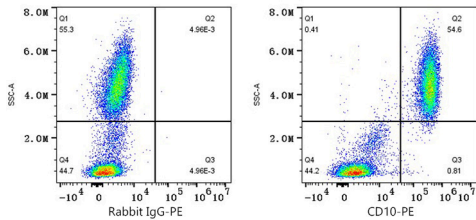
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Flow cytometry: 1X10⁶ Cynomolgus PBMC were surface-stained with ABflo® 647 Rabbit anti-Human/Monkey CD19 mAb (A23009,5 µl/Test) and PE Rabbit anti-Human CD10 mAb (A27893,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.



Flow cytometry: 1X10⁶ Human peripheral blood leukocytes were surface-stained with PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Human CD10 mAb (A27893,5 µl/Test,right).

