ABflo® 488 Rabbit anti-Human/Monkey CD10 mAb

Catalog NO.: A27892

Basic Information

Observed MW

Calculated MW
86kDa

Category
Monoclonal Antibodies

Applications
FC

Cross-Reactivity
Human, Cynomolgus

Conjugation
ABflo® 488. Ex:491nm. Em:516nm.

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 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
4311

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

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

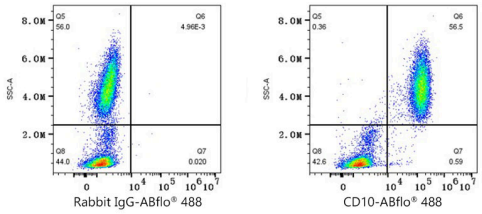
Source
Rabbit

Isotype
IgG

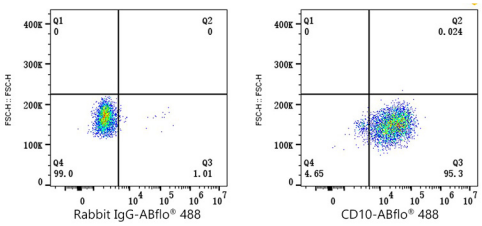
Purification
Affinity purification

Storage
Store at 2-8℃. 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: 1X10^6 Human peripheral blood leukocytes were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human CD10 mAb (A27892,5 µl/Test,right).



Flow cytometry: 1X10^6 Cynomolgus peripheral blood mononuclear cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human/Monkey CD10 mAb (A27892,5 µl/Test,right). Cells in the granulocytes gate were used for analysis.

For research use only. Not for therapeutic or diagnostic purposes.

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