

Product datasheet

Anti-CD10 antibody [MEM-78] (Allophycocyanin/Cy7®)
ab233253

1 Image

Overview

Product name	Anti-CD10 antibody [MEM-78] (Allophycocyanin/Cy7®)
Description	Mouse monoclonal [MEM-78] to CD10 (Allophycocyanin/Cy7®)
Host species	Mouse
Conjugation	Allophycocyanin/Cy7®. Ex: 650nm, Em: 774nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD10. NALM-6 human pre-B cell line.
Positive control	Flow Cytometry: Human peripheral blood cells.
General notes	This product or portions thereof is manufactured under license from Carnegie Mellon University under U.S. Patent Number 5, 268, 486 and related patents. Cy and CyDye are trademarks of GE Healthcare Limited.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	Preservative: 0.0975% Sodium azide Constituent: PBS
Purity	Size exclusion
Clonality	Monoclonal
Clone number	MEM-78
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab233253** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 4µl for 10 ⁶ cells.

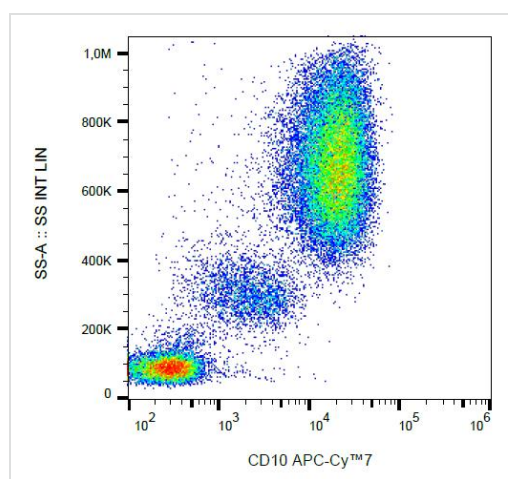
Target

Function Thermolysin-like specificity, but is almost confined on acting on polypeptides of up to 30 amino acids. Biologically important in the destruction of opioid peptides such as Met- and Leu-enkephalins by cleavage of a Gly-Phe bond. Able to cleave angiotensin-1, angiotensin-2 and angiotensin 1-9. Involved in the degradation of atrial natriuretic factor (ANF). Displays UV-inducible elastase activity toward skin preelastic and elastic fibers.

Sequence similarities Belongs to the peptidase M13 family.

Cellular localization Cell membrane.

Images



Surface staining of human peripheral blood cells labeling CD10 with ab233253 (4 µl reagent / 100 µl of whole blood). Gated on leukocytes.

Flow Cytometry - Anti-CD10 antibody [MEM-78]
(Allophycocyanin/Cy7 ®) (ab233253)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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