

Product datasheet

Anti-CD10 antibody [B-E3] ab47200

1 References 1 Image

Overview

Product name	Anti-CD10 antibody [B-E3]
Description	Mouse monoclonal [B-E3] to CD10
Host species	Mouse
Specificity	This antibody is specific for CD10.
Tested applications	Suitable for: Flow Cyt, IHC-Fr
Species reactivity	Reacts with: Human
Immunogen	Daudi and Raji cell lines

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: None Constituents: PBS Sterile-filtered through 0.22 µm and treated to remove endotoxins. Carrier and preservative free.
Purity	Ion Exchange Chromatography
Clonality	Monoclonal
Clone number	B-E3
Myeloma	x63-Ag8.653
Isotype	IgG2a

Applications

Our [Abpromise guarantee](#) covers the use of **ab47200** 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		

Application	Abreviews	Notes
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IHC-Fr

Application notes

Flow Cyt: Use at an assay dependent dilution.
 IHC-Fr: Use at an assay dependent dilution.
 Does not inhibit the Mixed Lymphocyte Culture.
 Cytotoxic in association with the Rabbit Complement on CD10+ Cells.

Not yet tested in other applications.
 Optimal dilutions/concentrations should be determined by the end user.

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.

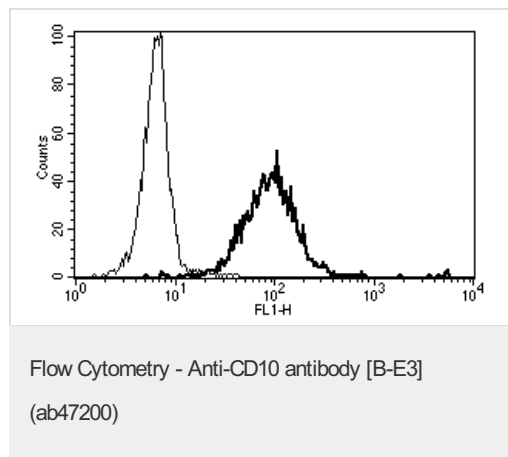
Sequence similarities

Belongs to the peptidase M13 family.

Cellular localization

Cell membrane.

Images



A typical staining pattern with ab47200.

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