

Product datasheet

Anti-CD10 antibody [SN5c] α b34199

[1 Abreviews](#)
[4 References](#)
[1 Image](#)

Overview

Product name	Anti-CD10 antibody [SN5c]
Description	Mouse monoclonal [SN5c] to CD10
Host species	Mouse
Tested applications	Suitable for: WB, IP, IHC-Fr, Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Partially purified cell membrane antigens from fresh leukemia cells.
Positive control	human peripheral blood granulocytes

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: PBS, pH 7.4
Purity	Protein G purified
Purification notes	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Clonality	Monoclonal
Clone number	SN5c
Myeloma	P3-NS1/1-Ag4-1
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab34199** 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
WB		Use at an assay dependent concentration. Predicted molecular weight: 85 kDa.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
Flow Cyt		Use 10µl for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

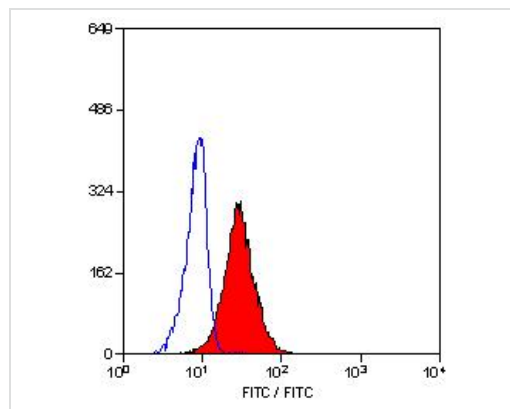
Target

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



ab34199, Using Neat dilution, Staining of human peripheral blood granulocytes by Flow Cytometry.

Flow Cytometry - Anti-CD10 antibody [SN5c]
(ab34199)

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