

Product datasheet

Anti-CD43 antibody [W3/13] (Phycoerythrin) ab33885

Overview

Product name	Anti-CD43 antibody [W3/13] (Phycoerythrin)
Description	Mouse monoclonal [W3/13] to CD43 (Phycoerythrin)
Host species	Mouse
Conjugation	Phycoerythrin. Ex: 488nm, Em: 575nm
Specificity	ab33885 recognises the rat CD43 cell surface antigen, also known as leukosialin and sialophorin.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Rat
Immunogen	Tissue/ cell preparation (Rat) - thymocyte membrane glycoproteins.
Positive control	Rat splenocytes.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: 1% BSA, PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Clone number	W3/13
Myeloma	NS1
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab33885** 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 notes

Flow Cyt: Use Neat -10µl for 10⁶ cells in 100µl.

This antibody is routinely tested in flow cytometry on rat splenocytes.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target**Function**

One of the major glycoproteins of thymocytes and T lymphocytes. Plays a role in the physicochemical properties of the T-cell surface and in lectin binding. Presents carbohydrate ligands to selectins. Has an extended rodlike structure that could protrude above the glycocalyx of the cell and allow multiple glycan chains to be accessible for binding. Is a counter receptor for SN/Siglec-1 (By similarity). During T-cell activation is actively removed from the T-cell-APC (antigen-presenting cell) contact site thus suggesting a negative regulatory role in adaptive immune response.

Tissue specificity

Cell surface of thymocytes, T-lymphocytes, neutrophils, plasma cells and myelomas.

Post-translational modifications

Glycosylated; has a high content of sialic acid and O-linked carbohydrate structures.

Cellular localization

Membrane.

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