

Product datasheet

Anti-CD81 antibody [Eat2] (Biotin) ab36438

1 References

Overview

Product name	Anti-TAPA1 antibody [Eat2] (Biotin)
Description	Armenian Hamster monoclonal [Eat2] to TAPA1 (Biotin)
Host species	Armenian hamster
Conjugation	Biotin
Specificity	ab36438 recognises mouse and rat CD81, a 26kD cell surface glycoprotein that is also known as TAPA-1.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse, Rat
Immunogen	38C13, murine B cell line.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
Purity	Protein G purified
Clonality	Monoclonal
Clone number	Eat2
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab36438** 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.

Use 10ul of the suggested working dilution to label 10^6 cells in 100ul.

Not yet tested in other applications.

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

Target**Function**

May play an important role in the regulation of lymphoma cell growth. Interacts with a 16-kDa Leu-13 protein to form a complex possibly involved in signal transduction. May act as the viral receptor for HCV.

Tissue specificity

Hematolymphoid, neuroectodermal and mesenchymal tumor cell lines.

Involvement in disease

Defects in CD81 are the cause of immunodeficiency common variable type 6 (CVID6) [MIM:613496]; also called antibody deficiency due to CD81 defect. CVID6 is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections and an inability to mount an antibody response to antigen. The defect results from a failure of B-cell differentiation and impaired secretion of immunoglobulins; the numbers of circulating B cells is usually in the normal range, but can be low.

Sequence similarities

Belongs to the tetraspanin (TM4SF) family.

Post-translational modifications

Not glycosylated.

Cellular localization

Membrane.

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