

FITC Anti-CD81 antibody [1D6] ab33139

Overview

Product name	FITC Anti-CD81 antibody [1D6]
Description	FITC Mouse monoclonal [1D6] to CD81
Host species	Mouse
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human, Chimpanzee
Immunogen	Tissue, cells or virus corresponding to Human CD81. OCI-LY8 cells aggregated by 5A6 (another CD81 antibody).
General notes	<p>Fusion Partners: Spleen cells from immunised BALB/c mice were fused with cells of the mouse PX3-Ag.8.653 myeloma cell line.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.40 Preservative: 0.09% Sodium azide Constituents: PBS, 1% BSA
Purity	Protein G purified
Purification notes	Purified IgG prepared from tissue culture supernatant.
Clonality	Monoclonal
Clone number	1D6
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab33139 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 at an assay dependent concentration. ab91356 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

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 acts a 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.

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

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