

## Product datasheet

# Anti-TAPA1 antibody [1D6] (FITC) ab33139

### Overview

<b>Product name</b>	Anti-TAPA1 antibody [1D6] (FITC)
<b>Description</b>	Mouse monoclonal [1D6] to TAPA1 (FITC)
<b>Conjugation</b>	FITC. Ex: 493nm, Em: 528nm
<b>Specificity</b>	This antibody is specific for TAPA1.
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human, Chimpanzee
<b>Immunogen</b>	Tissue/ cell preparation (Human): OCHLY8 cells aggregated by 5A6 (another TAPA1 antibody).
<b>General notes</b>	Fusion Partners: Spleen cells from immunised BALB/c mice were fused with cells of the mouse PX3-Ag.8.653 myeloma cell line.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Purified IgG prepared from tissue culture supernatant.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	1D6
<b>Isotype</b>	IgG1

### Applications

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 10µl for 10 <sup>6</sup> cells. <a href="#">ab91356</a> -Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## Target

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<b>Function</b>	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.
<b>Tissue specificity</b>	Hematolymphoid, neuroectodermal and mesenchymal tumor cell lines.
<b>Involvement in disease</b>	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.
<b>Sequence similarities</b>	Belongs to the tetraspanin (TM4SF) family.
<b>Post-translational modifications</b>	Not glycosylated.
<b>Cellular localization</b>	Membrane.

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