

## Product datasheet

# Anti-CD2 antibody [12-15] ab25317

### Overview

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<b>Product name</b>	Anti-CD2 antibody [12-15]
<b>Description</b>	Rat monoclonal [12-15] to CD2
<b>Host species</b>	Rat
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.
<b>Positive control</b>	Balb/c lymph node cells.
<b>General notes</b>	This antibody has been shown to be useful in studies of In vitro inhibition of CTL mediated lysis and also studies of the induction of T cell unresponsiveness In vivo.

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 8.20 Constituent: 100% Borate buffered saline
<b>Purity</b>	IgG fraction
<b>Primary antibody notes</b>	This antibody has been shown to be useful in studies of In vitro inhibition of CTL mediated lysis and also studies of the induction of T cell unresponsiveness In vivo.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	12-15
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab25317** 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. <a href="#">ab18407</a> - Rat monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IP		Use at an assay dependent concentration.

## Target

<b>Function</b>	CD2 interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.
<b>Sequence similarities</b>	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
<b>Cellular localization</b>	Membrane.

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