

Product datasheet

Anti-CD2 antibody [12-15] ab25317

Overview

Product name	Anti-CD2 antibody [12-15]
Description	Rat monoclonal [12-15] to CD2
Tested applications	Suitable for: Flow Cyt, IP
Species reactivity	Reacts with: Mouse
Immunogen	The details of the immunogen for this antibody are not available.
Positive control	Balb/c lymph node cells.
General notes	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

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 8.20 Constituent: 100% Borate buffered saline
Purity	IgG fraction
Primary antibody notes	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.
Clonality	Monoclonal
Clone number	12-15
Isotype	IgG1
Light chain type	kappa

Applications

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. ab18407 -Rat monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IP		Use at an assay dependent concentration.

Target

Function	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.
Sequence similarities	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Membrane.

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