

PE Anti-CD2 antibody [LT2] α b77138

1 References

Overview

Product name	PE Anti-CD2 antibody [LT2]
Description	PE Mouse monoclonal [LT2] to CD2
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	The antibody reacts with CD2, a 50 kDa glycoprotein present on the human peripheral blood T lymphocytes and NK cells; also expressed by all thymocytes.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD2. Normal human blood lymphocytes
Positive control	Human peripheral blood cells
General notes	<p>The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions.</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	<p>pH: 7.4</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituents: 0.2% BSA, PBS</p>
Purity	Size exclusion
Purification notes	The conjugate is purified by size exclusion chromatography and adjusted for direct use. Purity >95% by SDS-PAGE.
Clonality	Monoclonal

Clone number	LT2
Isotype	IgG2b

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab77138 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 20µl for 10 ⁶ cells.

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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