

## Monoclonal Antibody to CD1b3 - PE

<b>Catalog No.:</b>	AM01064RP-N
<b>Quantity:</b>	100 Tests
<b>Background:</b>	CD1w2 is expressed by cortical thymocytes and a minority of medullary thymocytes, with a pattern similar to antibodies of the CD1b cluster in humans.
<b>Uniprot ID:</b>	<a href="#">Q1L1H6</a>
<b>NCBI:</b>	<a href="#">NP_001039486.1</a>
<b>GeneID:</b>	<a href="#">509004</a>
<b>Host / Isotype:</b>	Mouse / IgG2a
<b>Clone:</b>	CC20
<b>Immunogen:</b>	<b>Genename:</b> CD1w2
<b>Format:</b>	<b>State:</b> Lyophilized purified Ig <b>Purification:</b> Affinity chromatography on Protein G <b>Buffer System:</b> PBS, pH 7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin <b>Label:</b> PE – R. Phycoerythrin (RPE) <b>Reconstitution:</b> Restore with 1 ml distilled water
<b>Applications:</b>	Flow Cytometry: Neat - 1/5; Use 10 µl of the suggested working dilution to label 10e6 cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the bovine CD1w2 cell surface antigen, a glycoprotein heterodimer of 12kD and 46kD. <b>Species:</b> Bovine. Other species not tested.
<b>Storage:</b>	Prior to and following reconstitution store at +4°C. DO NOT FREEZE. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Siedek E, Little S, Mayall S, Edington N, Hamblin A. Isolation and characterisation of equine dendritic cells. Vet Immunol Immunopathol. 1997 Dec 12;60(1-2):15-31. PubMed PMID: 9533264. 2. Hein WR, Dudler L, Marston WL, Hopkins J, Dutia BM, Keech K, et al. Summary of workshop findings for leukocyte antigens of sheep. Vet Immunol Immunopathol. 1991 Jan;27(1-3):28-30. PubMed PMID: 2021065. 3. Howard, C. J. et al. (1993) General summary of workshop findings for cattle. Vet. Immunol. Immunopathol. 39: 25 - 48. 4. Howard CJ, Sopp P, Bembridge G, Young J, Parsons KR. Comparison of CD1 monoclonal

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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antibodies on bovine cells and tissues. Vet Immunol Immunopathol. 1993 Nov;39(1-3):77-83. PubMed PMID: 8310660.

5. Rhind, S. M. (2001) CD2 - the pathology perspective. Vet Pathol. 38(6): 611-619.

**Pictures:**

Staining of bovine peripheral blood lymphocytes with MOUSE ANTI BOVINE CD1w2:RPE

