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Monoclonal Antibody to CD1b3 - PE

Catalog No.: AM01062RP-N

Quantity: 100 Tests

Background: The antigen is found on mature B cells, weakly on germinal centre B cells, and also on a proportion of thymocytes and peritoneal macrophages.

Uniprot ID: Q9QZZ0

NCBI: NP_001166322.1

GeneID: 100379551

Host / Isotype: Mouse / IgG1

Clone: MsGP9

Immunogen: Guinea pig thymocytes. Spleen cells from an immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.
Genename: CD1b3

Format:
State: Lyophilized purified Ig
Purification: Affinity chromatography on Protein A
Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin
Label: PE – R. Phycoerythrin (RPE)
Reconstitution: Restore with 1 ml distilled water

Applications: Flow Cytometry: 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.

Specificity: This antibody recognises an antigen expressed by guinea pig B lymphocytes. Recent studies suggest that clone MsGP9 recognises guinea pig CD1b3. Other species not tested.

Storage: Store at +4°C. This product should be stored undiluted.
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.

General Readings:
1. Butter C, Healey DG, Baker D, Turk JL. A quantitative immunocytochemical study of the infiltrating lymphocytes in the spinal cord of guinea pigs with chronic relapsing experimental allergic encephalomyelitis. J Neuroimmunol. 1989 Dec;25(2-3):169-76. PubMed PMID: 2584395.
2. Hiromatsu, K. et al. (2002) Characterization of guinea pig group 1 CD1 proteins. Immunology. 106: 159 - 172.