

Monoclonal Antibody to CD43 / Leukosialin - PE

Alternate names:	Galactoglycoprotein, Leukocyte sialoglycoprotein, SPN, Sialophorin
Catalog No.:	SM271R
Quantity:	100 Tests
Background:	CD43 is a 95kD heavily glycosylated glycoprotein expressed by all leucocytes with the exception of B lymphocytes.
Uniprot ID:	P13838
NCBI:	10116
Host / Isotype:	Mouse / IgG1
Clone:	W3/13
Immunogen:	Rat thymocyte membrane glycoproteins. Remarks: Spleen cells from immunised BALB/c mice were fused with cells of the NS1 mouse myeloma cell line.
Format:	State: Lyophilized purified IgG fraction Purification: Affinity chromatography on Protein G Buffer System: PBS, pH 7.2 containing 0.09% Sodium Azide, 1% BSA and 5% Sucrose Label: PE – R. Phycoerythrin (RPE) Reconstitution: Restore with 1 ml distilled water
Applications:	Flow Cytometry: Use 10 µl of neat antibody 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 the CD43 cell surface antigen. Species: Rat. Other species not tested.
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
General References:	1. Brown, W.R.A. et al. (1981) Identification of a glycoprotein-like molecule at the cell surface of rat thymocytes. <i>Nature</i> . 289: 456-460. 2. Barclay, A. N. (1981) The localization of populations of lymphocytes defined by monoclonal antibodies in rat lymphoid tissues. <i>Immunology</i> . 42:593-600 3. Forbes, R. D. C. et al. (1983) Leukocyte subsets in first-set rat cardiac allograft rejection. <i>Transplantation</i> . 36 (6):681-686 4. Jung, S. et al. (1994) Therapeutic effect of transforming growth factor-beta 2 on actively induced EAN but not on adoptive transfer EAN. <i>Immunology</i> . 83:545-551. 5. Bataller, R. et al. (2003) Prolonged infusion of angiotensin II into normal rats induces

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

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stellate cell activation and proinflammatory events in liver. Am J Physiol Gastrointest Liver Physiol. 285:G642-651.

6. Yamanaka, Y. et al. (2011) Immunohistochemical analysis of subcutaneous tissue reactions to methacrylate resin-based root canal sealers. Int Endod J. 2011 Mar 6. doi: 10.1111/j.1365-2591.2011.01874.x.

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