

Monoclonal Antibody to CD45 / LCA (CD45R) - Purified

Alternate names:	L-CA, Leukocyte common antigen, PTPRC, Receptor-type tyrosine-protein phosphatase C, T200
Catalog No.:	SM3130P
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	CD45R is a single chain type I transmembrane glycoprotein (member of the protein tyrosine phosphatase family), a restricted form of the CD45 family. CD45R is an essential regulator of T and B lymphocytes antigen receptor signaling and it is specifically expressed in hematopoietic cells.
Uniprot ID:	Q9GMB4
NCBI:	9913
Host / Isotype:	Mouse / IgG1
Clone:	IVA103
Immunogen:	Bovine leukocytes
Format:	State: Liquid Ig fraction Purification: Protein A affinity chromatography; purity: > 95% (by SDS-PAGE) Buffer System: Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Applications:	Flow Cytometry. Immunoprecipitation. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody reacts with CD45R antigen. Species: Bovine. Other species not tested.
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General References:	III. Workshop on Ruminant Leukocyte Antigens: *Sopp P, Howard CJ.: Investigation of PC36 (BoCD45R). Vet Immunol Immunopathol. 1996 Aug;52(4):271-4. *Naessens J & Hopkins J: Proceedings of the 3rd workshop on ruminant leukocyte antigens. Davis, California, 16 July 1995. Vet Immunol Immunopathol 52:213-468 (1996). Other publications: *Naessens J, Howard CJ, Hopkins J.: Nomenclature and characterization of leukocyte differentiation antigens in ruminants. Immunol Today. 1997 Aug;18(8):365-8.

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Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
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