

Product datasheet for **SM563R**

CD45 / LCA (CD45RA) Mouse Monoclonal Antibody [Clone ID: MIL13]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MIL13
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody solution to label 1 ⁰ cells in 100 µl.
Reactivity:	Porcine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Cells isolated from porcine mesenteric lymph node.
Specificity:	This antibody <i>Clone MIL13</i> recognizes an epitope contained in the portion of Porcine CD45 encoded by exon A, CD45RA (Lunney et al. 2007). <i>MIL13</i> recognizes both the 210kDa RA CD45 isoform and the 226kDa RAC isoform (Zuckermann et al. 2001). MIL13 does not recognize The CD45RC or CD45RO isoforms.
Formulation:	PBS Label: PE State: Lyophilized purified IgG fraction from Tissue Culture Supernatant Stabilizer: 1% BSA, 5% Sucrose Preservative: 0.09% Sodium Azide Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1.0 ml distilled water.
Conjugation:	PE
Storage:	Prior to and following reconstitution store undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Database Link:	Q6SZ85



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Background: CD45RA is a 220kD isoform of the leucocyte common antigen CD45, which is a member of the protein tyrosine phosphatase family. CD45RA is expressed by a subset of T lymphocytes, B lymphocytes and most monocytes. CD45RA plays an important role in the regulation of T- and B-cell antigen receptor signalling.

Synonyms: PTPRC, Leukocyte common antigen, L-CA, T200