

## Product datasheet for **SM560R**

### CD4 Mouse Monoclonal Antibody [Clone ID: MIL17]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	MIL17
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl of neat antibody to label 10e6 cells in 100 µl.
Reactivity:	Porcine
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Leucocytes isolated from porcine gut lamina propria
Specificity:	This antibody recognizes CD4.
Formulation:	PBS containing 0.09% Sodium Azide, 1% BSA and 5% Sucrose Label: PE State: Lyophilized purified IgG fraction Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1.0 ml distilled water
Purification:	Affinity Chromatography on Protein G
Conjugation:	PE
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">Q6R3N4</a>
Background:	CD4 is a single chain transmembrane glycoprotein (59 kDa) which belongs to the immunoglobulin superfamily. CD4 is present on a subset of T lymphocytes ("helper/inducer" T cells) and is also expressed at a lower level on monocytes, tissue macrophages and granulocytes. The antigen is involved in binding to MHC class II molecules. The intracellular domain of the antigen is associated with p56lck protein tyrosine kinase.
Synonyms:	T-cell surface antigen T4/Leu-3



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