

Product datasheet for **SM255APC**

Cd4 (Domain 1) Mouse Monoclonal Antibody [Clone ID: W3/25]

Product data:

Product Type:	Primary Antibodies
Clone Name:	W3/25
Applications:	FC
Recommended Dilution:	Flow Cytometry: 1/5 - 1/10; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Rat thymocyte membrane glycoproteins. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS-1 myeloma cell line.
Specificity:	This antibody recognises the CD4 cell surface glycoprotein. This antibody inhibits proliferation and IL-2 production in the MLR reaction. This clone has been described reacting with paraffin-embedded material following PLP fixation (periodatelysine-paraformaldehyde)
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: APC State: Lyophilized purified IgG Label: Allophycocyanin
Reconstitution Method:	Restore with 1 ml distilled water
Conjugation:	APC
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	Cd4 molecule
Database Link:	Entrez Gene 24932 Rat P05540
Background:	CD4 is a 55kD molecule expressed by helper T cells and weakly by monocytes.



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Synonyms: T-cell surface antigen T4/Leu-3