

SM323P**Monoclonal Antibody to T Cell Receptor (TCR) V beta 8.5 - Purified**

Alternate names:	TCR V beta-8.5, TCR Vb8.5
Quantity:	0.25 mg
Concentration:	1.0 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM20P (for use in rat samples), AM03095PU-N
Clone:	B73
Immunogen:	T cell clone expressing the TCR Vb8.5 gene product. Spleen cells from immunised BALB/c mice were fused with cells of the X63.Ag8.653 myeloma cell line.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein A Buffer System: PBS, pH7.4 containing 0.09% Sodium Azide
Applications:	Flow Cytometry: 1/50 - 1/100; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is specific for the T-cell receptor V beta 8.5 gene product. 4% of unseparated LEW lymph node cells label with this antibody. Reactivity is restricted to ab T cells of which 6.5% were stained. Species: Rat. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch
General Readings:	1. Torres-Nagel NE, Gold DP, Hünig T. Identification of rat Tcrb-V8.2, 8.5, and 10 gene products by monoclonal antibodies. Immunogenetics. 1993;37(4):305-8. PubMed PMID: 8420840.