

SM324P**Monoclonal Antibody to T Cell Receptor (TCR) V beta 10 - Purified**

Alternate names:	TCR V beta-10, TCR Vb10
Quantity:	0.25 mg
Concentration:	1.0 mg/ml
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	G101
Immunogen:	T cell clone expressing the TCR V beta 10 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: Ion exchange chromatography Buffer System: PBS, pH7.2 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 10 gene product. Approximately 4.2% of unseparated LEW lymph node cells were detected by this clone. Reactivity is restricted to alpha/beta T cells, of which 6.7% labelled. 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.