

Monoclonal Antibody to T Cell Receptor (TCR) V beta 4 - Purified

Alternate names:	TCR V beta-4, TCR Vb4
Catalog No.:	SM087P
Quantity:	0.25 mg
Concentration:	1.0 mg/ml
Host / Isotype:	Rat / IgG2b
Clone:	KT4
Immunogen:	T cell clone 13. Spleen cells from an immunised SD rat were fused with cells of the mouse NSO myeloma cell line.
Format:	State: Liquid purified IgG fraction. Purification: Affinity Chromatography on Protein G Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide as preservative.
Applications:	Flow Cytometry: Use 10µl of 1/100-1/200 diluted antibody to label 10e6 cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the V beta 4 chain of the T cell receptor. Species: Mouse. 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. Should it contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.
General Readings:	1. Chin, P. et al. (2001) Genetic control of T and B lymphocyte activation in non obese diabetic mice. J. Immunol. 167: 7169-7179.