

## Monoclonal Antibody to T Cell Receptor (TCR) Vb 4 - Supernatant

<b>Alternate names:</b>	TCR V beta-4, TCR Vb4
<b>Catalog No.:</b>	SM087
<b>Quantity:</b>	2 ml
<b>Concentration:</b>	1.0 mg/ml
<b>Host / Isotype:</b>	Rat / IgG2b
<b>Clone:</b>	KT4
<b>Immunogen:</b>	T cell clone 13. Spleen cells from an immunised SD rat were fused with cells of the mouse NSO myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid purified IgG <b>Purification:</b> Affinity chromatography on Protein G <b>Buffer System:</b> PBS, pH7.4 containing 0.09% Sodium Azide
<b>Applications:</b>	Flow cytometry: 1/100 - 1/200; use 10 µl 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.
<b>Specificity:</b>	This antibody recognises the V beta 4 chain of the T cell receptor. <b>Species:</b> Mouse. Other species not tested.
<b>Storage:</b>	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.
<b>General Readings:</b>	1. Chin, P. et al. (2001) Genetic control of T and B lymphocyte activation in non obese diabetic mice. J. Immunol. 167: 7169 - 7179.