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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.

