

Monoclonal Antibody to T Cell Receptor (TCR) Vg 3 - Purified

Alternate names:	TCR V gamma-3, TCR Vg3
Catalog No.:	BM2346
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (OD280 nm)
Host / Isotype:	Hamster / IgG
Clone:	536
Immunogen:	Clone 7-17 dendritic epidermal cells
Format:	State: Liquid purified Ig fraction. Purification: Protein G chromatography. Buffer System: 0.01 M PBS, pH 7.2 containing 1% BSA as stabilizer and 0.09% Sodium Azide as preservative.
Applications:	Can be used for Immunofluorescence, Immunoprecipitation, histological and Flow Cytometric analysis (1 µg/1x10 ⁶ cells/test). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes an epitope of the variable region (V gamma-3) gene product. Antibody from clone 536 immunoprecipitates the TCR heterdimer with two subunits of apparent molecular mass of 52 and 42 kDa. The antibody 536 stained < 1% of cells in adult thymus (AKR), splenocytes, lymph node, adult CD4-8- thymocytes and adult CD4-8-, T splenocyte. 92 % of day 14 old Balb/c fetal thymus, 86 % of C57BL/6 dEC (Thy-1+) and 94 % of AKR dEC (Thy-1+) stained positive using this antibody.
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:	Havran, et al., (1989), Pro. Natl. Acad. Sci., USA, 86:4185.