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AM03074AF-N

Monoclonal Antibody to T Cell Receptor (TCR) V beta 5 - Azide Free

Alternate names:	TCR V beta-5, TCR Vb5
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Host / Isotype:	Mouse / IgG2a
Clone:	MEM-262
Immunogen:	Human thymoma cell line HPB-ALL.
Format:	State: Liquid purified IgG fraction (> 95% pure by SDS-PAGE). Purification: Protein A affinity chromatography. Buffer System: PBS, pH 7.4 without preservatives.
Applications:	<u>Flow Cytometry.</u> <u>Immunoprecipitation.</u> <u>Western Blotting:</u> Uniquely recognizes denatured TCR beta chains. <u>Functional Application:</u> Activates T cells (V beta 5-related subset). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody MEM-262 recognizes beta chains of the TCR expressed by HPB-ALL cell line [carrying V(beta5.3)] and a small subset of peripheral blood T cells. This subset is larger than that recognized by other V(beta5.3)-specific antibodies. Species: Human. 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. Pavlistová D, Drbal K, Hilgert I, Horejsí V. A novel monoclonal reagent recognizing native and denatured Vbeta5.3-related chains of human T cell receptor. Immunol Lett. 2003 Aug 5;88(2):105-8. PubMed PMID: 12880678.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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