



9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

AM03074LE-N

Monoclonal Antibody to T Cell Receptor (TCR) V beta 5 -Endotoxin Low

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 Ig fraction Purification: Protein-A affinity chromatography (> 95% pure by SDS-PAGE) Buffer System: Azide free phosphate buffered saline (PBS), approx. pH 7.4; 0.2 μm filter sterilized Endotoxin Level: Less than 0.01 EU/μg of the protein, as determined by the LAL test
Applications:	 Flow cytometry. Immunoprecipitation. Western blot: Uniquely recognizes denatured TCR beta chains under the conditions of Western blot. Functional application: 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:	This anti body 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 Reactivity:	Tested: Human
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! 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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