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## 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:	<ul> <li>State: Liquid Ig fraction</li> <li>Purification: Protein-A affinity chromatography (&gt; 95% pure by SDS-PAGE)</li> <li>Buffer System: Azide free phosphate buffered saline (PBS), approx. pH 7.4; 0.2 μm filter sterilized</li> <li>Endotoxin Level: Less than 0.01 EU/μg of the protein, as determined by the LAL test</li> </ul>
Applications:	<ul> <li>Flow cytometry.</li> <li>Immunoprecipitation.</li> <li>Western blot: Uniquely recognizes denatured TCR beta chains under the conditions of Western blot.</li> <li>Functional application: Activates T cells (V beta 5-related subset).</li> <li>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</li> </ul>
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. <b>DO NOT FREEZE!</b> 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.

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