

TECHNICAL DATA SHEET

CyFlow™ TCR Vbeta5.3 Low Endotoxin Anti-Hu; Clone MEM-262

REF CC657321

**For Research Use Only.
Not for use in diagnostic or therapeutic procedures.**

Specifications

Antigen	TCR β (V β 5.3-related)
Alternative Names	—
Clone	MEM-262
Clonality	monoclonal
Format	Low Endotoxin
Host / Isotype	Mouse / IgG2a
Species Reactivity	Human
Negative Species Reactivity	—
Quantity [Concentration]	0.1 mg [1 mg/ml]
Immunogen	Human thymoma cell line HPB-ALL

Specificity

The mouse monoclonal antibody MEM-262 recognizes β chains of the TCR expressed by HPB-ALL cell line [carrying V(β 5.3)] and a small subset of peripheral blood T cells. This subset is larger than that recognized by other V(β 5.3)-specific antibodies.

Contact Information:

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Application

Based on published sources, this antibody is suitable for the following applications:

- Flow cytometry
- Immunoprecipitation
- Western blot
- Functional assays

Storage Buffer

The reagent is provided in azide-free phosphate buffered saline (PBS) solution, pH ≈7.4; 0.2 µm filter sterilized. Endotoxin level is less than 0.01 EU/µg of the protein, as determined by the LAL test.

Storage and Stability

Storage	Avoid prolonged exposure to light. Store in the dark at 2-8°C. Do not freeze.
Stability	Do not use after expiration date stamped on vial label.

References

- Pavlistova D, Drbal K, Hilgert I, Horejsi 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. < PMID: 12880678 >

The Safety Data Sheet for this product is available at www.sysmex-partec.com/services.

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