

FITC anti-human TCR V β 5 related subset

Catalog # / Size: 316704 / 100 tests

Clone: MEM-262

Isotype: Mouse IgG2a, κ

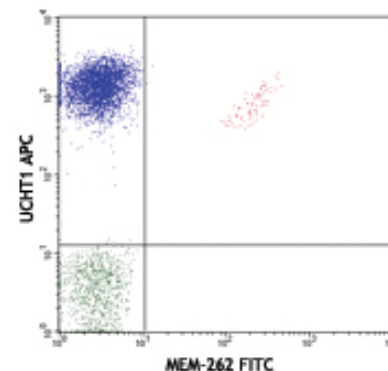
Immunogen: Human thymoma cell line HPB-ALL

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography, and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



Human peripheral blood lymphocytes stained with MEM-262 FITC and anti-CD3 (UCHT1) APC

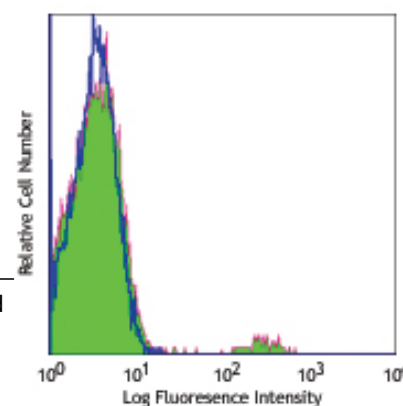
Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 μ l to 5 μ l per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 μ l staining volume or per 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. Read more at www.biolegend.com/testsize regarding the test size change.

Application Notes: Additional reported applications (for the relevant formats) include: immunoprecipitation, Western blotting, and activation of T cells V β 5 related subset.

Application References: 1. Pavlistova D, *et al.* 2003. *Immunol. Lett.* 88:105.



Human peripheral blood lymphocytes stained with MEM-262 FITC

Description: The V β 5 TCR is a variant of the TCR β chain. It belongs to Ig superfamily and is expressed by a subset of peripheral blood T cells and some T cell clones. TCR V β 5 has been reported to recognize some staphylococcus bacterial superantigens. MEM-262 antibody reacts with a variant of the TCR β chain which is expressed on HPB-ALL cells (known expressing TCR V β 5.3). But the subpopulation of peripheral blood T cells recognized by this antibody is reported larger than other anti-TCR V β 5.3 antibodies.

Antigen References: 1. Pavlistova D, *et al.* 2003. *Immunol. Lett.* 88:105
 2. Kappler T, *et al.* 1989. *Science* 244:811
 3. Fernandez MM, *et al.* 2006. *Mol. Immunol.* 43:927

Related Products:

Product
 FITC Mouse IgG2a, κ Isotype Ctrl
 Cell Staining Buffer
 RBC Lysis Buffer (10X)
 Human TruStain FcX™ (Fc Receptor Blocking Solution)

Clone
 MOPC-173

Application
 FC, ICFC
 FC, ICC, ICFC
 FC, ICFC
 FC, ICC, ICFC



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