

anti-human CD3 - no azide**Cat-No.: H12125NA 0.1 mg****Clone:** MEM-57**Specificity:**

The antibody reacts with epsilon and delta chain of CD3 complex.

Isotype subclass: Mouse IgG2a**Form:** Purified from ascites by protein-A affinity chromatography.**Purity:** > 98% (by SDS-PAGE)**Physical state:** Liquid**Buffer/Additives/Preservative:** PBS (sterile), (pH 7.4)**Expiration date:** The reagent is stable until the expiry date stated on the vial label.**Storage conditions:** Aliquot and store at -20°C. Avoid freeze/thaw cycles. Should be handled under aseptic conditions.**Application:**

Flow Cytometry

Positive Control: Peripheral Blood Lymphocytes

Jurkat T cell line

Immunoprecipitation: The antibody MEM-57 immunoprecipitation from a detergent lysate of surface-radioiodinated T cells a Strong zone of about 22 kDa and a weak 28-kDa zone, which is typical pattern yielded by a reference antibody Leu-4 (SK7).

Functional Application: The antibody MEM-57 has a mitogenic effect on peripheral T Lymphocytes.

References:

Bazil V. et al. 1987, Leucocyte Typing III. (eds. McMichael M. J. et al.), Oxford University Press, Oxford, p.611. Transy C. et al. 1989, In Leucocyte Typing IV. (eds. Knapp W. et al.), Oxford University Press, Oxford, p.293. Horejsi V. et al., Monoclonal antibodies against human leucocyte antigens. II. Antibodies against CD45 (T200), CD3 (T3) CD43, CD10 (CALLA), transferrin receptor (T9), a novel broadly expressed 18-kDa antigen (MEM-43) and a novel antigen of restricted expression (MEM-74). Folia Biol. (Praha) 34, 23 (1988). Hilgert I. et al., Therapeutic in vivo use of the A1-CD3 monoclonal antibody. Transplantation 55, 435 (1993).

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