

**anti-human CD3 - no azide****Cat-No.:** H12126NA**0.1 mg****Clone:** MEM-92**Specificity:**

The antibody MEM-92 reacts with epsilon chain of human CD3 complex, a part of a bigger multisubunit complex of the T cell receptor for antigen ( CD3/TCR ) expressed on peripheral blood T lymphocytes and mature thymocytes.

**Isotype subclass:** Mouse IgM**Form:**

Purified from ascites by protein-A affinity chromatography

**Purity:** >95% (by SDS- Page)**Expiration date:**

The reagent is stable until the expiry date stated on the vial label.

**Physical state:** Liquid**Buffer/Additives/Preservative:**

PBS sterile, (pH 7.4)

**Storage conditions:**

Store at  $-20^{\circ}\text{C}$ . Avoid freeze/thaw cycles. Should be handled under aseptic conditions.

**Application:**

Flow Cytometry  
Immunoprecipitation  
Functional Application

The antibody can be used to activate T cells concentration under standard tissue culture conditions. It induces rapid early responses (tyrosine phosphorylation, calcium elevation, Erk activation and expression of activation antigens), but soluble antibody is unable to induce full activation resulting in T cell proliferation.

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