

anti-human CD3 Dy647-conjugated**Cat-No.:** H12125D647**1 ml****Clone:** MEM-57**Specificity:**

The antibody MEM-57 reacts with Epsilon chain of CD3 complex, a part of a bigger multisubunit complex of T-cell receptor for antigen (CD3/TCR) expressed on peripheral blood T cells and mature thymocytes.

Isotype subclass: Mouse IgG2a**Form:**

The purified antibody is conjugated with Dyomics 647 (DY647) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.

Expiration date:

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

Physical state: Liquid**Buffer/Additives/Preservative:** PBS containing 0.2% BSA and 15 mM sodium azide (pH 7.4).**Storage conditions:** Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.**Application:** The reagent is designed for flow cytometry analysis of human blood cells.**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-Cd monoclonal antibody. Transplantation 55, 435 (1993)

Warning:

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research only**. Not for use in human. For in vitro use only.

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