

**anti-human CD8 APC-conjugated****Cat-No.:** H12132A      **1 ml****Clone:** MEM-31

**Specificity:** The antibody recognizes a conformationally-dependent epitope of CD8 (does not react with formaldehyde-fixed cells; negative in Western Blotting application). The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interaction within the immune system. CD8 is a disulfide-linked dimer and exists as a CD8a homodimer or CD8 $\beta$  heterodimer ( each monomer approx. 32- 34 kDa).

**Isotype subclass:** Mouse IgG2a

**Form:** The purified antibody is conjugated with Allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution necessary

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

PBS containing BSA and 15 mM sodium azide (pH 7.4)

**Expiration date:**

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

**Storage conditions:**

Store at 4°C. Do not freeze. Avoid prolonged exposure to light.

**Application:**

The reagent is designed for Flow Cytometry analysis.

**References :** Horejsi V et al., Monoclonal antibodies against human leucocyte antigens. I. Antibodies against beta-2-microglobulin, immunoglobulin kappa light chains, HLA-DR-like antigens, T8 antigen, T1 antigen, a monocyte antigen and a pan-leucocyte antigen. . Folia Biol. (Praha) 32, 12 (1986). PMID: 2422063

Leucocyte Typing III. McMichael A. J. et al(Eds.), Oxford University Press (1987)

**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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