

anti-human CD99R FITC-conjugated

FITC - conjugated monoclonal antibody MEM-131 to human CD99

Cat-No: **21270993**

500 µl

Clone:MEM-131

Specificity: The antibody MEM-131 reacts with CD99R, an epitope restricted to a subset of CD99 molecule expressed on myeloid cells, NK cells and T lymphocytes.

HLDA V; WS Code AS S020

HLDA V; WS Code T T-E2.02

HLDA V; WS Code T T-017.

Isotype subclass: Mouse IgM

Form: The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is adjusted for direct use. No reconstitution is necessary.

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing 1 % BSA and 0.09% sodium azide (pH 7.2)

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

Storage conditions: Store at 4 °C. Avoid prolonged exposure to light.

Application: The reagent is designed for Flow Cytometry analysis

References:

- *Gelin C and others: EMBO J. 1989 Nov;8(11):3253-9.
- *Bernard G and others: J Immunol. 1995 Jan 1;154(1):26-32.
- *Bernard G and others: J Immunol. 1997 Mar 15;158(6):2543-50.
- *Bernard G and others: Eur J Immunol. 2000 Oct;30(10):3061-5.

Background: **CD99** (E2, MIC2) is a transmembrane glycoprotein that is involved in regulation of T cell adhesive properties and programmed cell death distinct from typical apoptosis course. CD99 roles are specific to certain stages of T cell differentiation such as corticothymocytes. CD99R isoform expression is restricted in the haematopoietic system to T, NK and myeloid cells.

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 use only**. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

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