

anti-human CD43 purified**Cat-No.: H12176** **0.1 mg****Clone:** MEM-59**Specificity:** The antibody recognizes neuraminidase-sensitive epitope on CD43 antigen (Leukosialin), which is involved in lymphocyte activation.**Isotype subclass:** Mouse IgG1**Form:** Purified from ascites by protein-A affinity chromatography.**Purity:** > 95% (by SDS-PAGE)**Physical state:** Liquid**Buffer/Additives/Preservative:** PBS containing 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. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

Application:

Flow Cytometry

Immunoprecipitation

Western Blotting

Immunohistochemistry: (paraffin sections)

Functional Application: The antibody activates T lymphocytes and also induces apoptosis in hemopoietic progenitor cells.

References:

Stefanova, I. et al., Folia Biol. (Praha) 34, 255, 1988.

Stefanova, I. et al., Mol. Immunol. 26, 153, 1989.

Leucocyte Typing IV. Knapp W et al. (Eds.), Oxford University Press (1989).

Deckert, M. et al., Eur. J. Immunol. 22, 2943, 1992.

Alvarado, M. et al., Eur. J. Immunol. 25, 1051, 1995.

Leucocyte Typing VI. Kishimoto T. et al. (Eds.), Garland Publishing Inc. (1997).

Cermak, L. et al., J. Biol. Chem. 227, 7955, 2002.

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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