

anti-human CD59 (Protectin) purified**Cat-No.: H12198** **0.1 mg****Clone:** MEM-43**Specificity:**

The antibody MEM-43 identified CD59 antigen as the new cluster on 4th HLDA Workshop. The antibody reacts with well defined epitope (W40, R-53) on CD59 molecule.

Isotype subclass: Mouse IgG2a**Form:**

Purified from hybridoma culture supernatant 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

References:

Horejsi V. et al., Folia Biol. (Praha) 34, 12 (1986). (original description of MEM-43 antigen)

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

Leucocyte Typing V. Schlossman S. et al. (Eds.), Oxford University Press (1995).

Large number of research studies was published referring the use of the antibody MEM-43, for example:

Forsberg U.H. et al., Immunogenetics 30, 188 (1989).

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

Cinek T. and Horejsi V., J. Immunol. 149, 2262 (1991).

Stefanova I. et al., Science 254, 1016 (1991).

Cebecauer M et al., Biochem. Biophys. Res. Commun. 234, 706 (1998).

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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