

anti-human CD59 Biotin-conjugated**Cat-No.:** H12198B**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:** The purified antibody is conjugated with Biotin-LC-NHS under optimum conditions. The reagent is free of unconjugated Biotin.**Expiration date:** The reagent is stable until the expiry date stated on the vial label**Physical state:** Liquid**Buffer/Additives/Preservative:** PBS containing 0.09 % sodium azide (pH 7.4)**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.

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