

anti-human CD59 PE-conjugated**Cat-No.: H12198P** **1 ml****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.**Immunogen:** Human tonsil**Isotype:** Mouse IgG2a**Preparation:** The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is 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. Avoid prolonged exposure to light.**Application:** The reagent is designed for Flow Cytometry analysis of human blood cells.**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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