EuroBioSciences

anti-human CD2 Dy647-conjugated

Cat-No.: H12124D647   1 ml

Clone: MEM-65

Specificity:
This antibody interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmatic domain is implicated in the signaling function.The antibody recognizes an unique epitope of CD2 antigen implicated in T-cell activation (Gene location: human chromosome 1p13).

Isotype subclass:
Mouse IgG1

Form:
The purified antibody is conjugated with Dyomics 647 (DY647) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.

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

Physical state: Liquid

Buffer/Additives/Preservative:
PBS containing 0.2% BSA and 15 mM sodium azide (pH 7.4).

Storage conditions:
Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.

Application:
The reagent is designed for flow cytometry analysis of human blood cells.

References:
Leucocyte Typing IV. Kishimoto T. et al. (Eds), Garland Publishing Inc (1997)
Drbal K. et al., New monoclonal antibodies to human leucocyte surface molecule Cd2. Folia Biol. (Praha) 43, 245 (1997)

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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