EuroBioSciences

Data Sheet

anti-human CD36 purified

Cat-No.: H12431 **0.1 mg**

Clone: IVC7

Specificity:
This clone has been derived from hybridization of SP2/0 cells with spleen cells of a BALB/c mouse immunized with human monocytes. This antibody has been clustered to CD36 in one of the international Workshop on Human White Cell differentiation Antigens. The monoclonal antibody is directed against the CD36-antigen (gpIV also known as gpIIIb), which is expressed on human thrombocytes. The monoclonal antibody reacts with thrombocytes, monocytes, macrophages, erythroblasts and weak with B-cells. In immunohistology the monoclonal antibody reacts with some endothelial cells, adipocytes and the granular layer of the skin.

Isotype subclass: Mouse IgG1

Form:
Ascites fluid of tumour bearing BALB/c mice. Purification: Ammoniumsulphate precipitation and ion exchange chromatography.

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:
Functional studies on cells.
Indirect immunofluorescence staining with analysis by flowcytometry or fluorescence microscopy.

References:
1. Asch, A.S. et al., J. Clin. Invest., 79, 1054 (1987).
2. Ockenhouse, C.F. et al., Science, 243, 1469 (1989).
3. Tandon, N.N. et al., J. Biol. Chem., 264, 7576 (1989).
4. Tandon, N.N. et al., J. Biol. Chem., 264, 7570 (1989).

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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