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Data Sheet

anti-human CD16 FITC-conjugated

Cat-No.: H12148F **1 ml**

Clone: LNK16

Specificity:
The antibody reacts with CD16 antigen that functions as a low affinity receptor for aggregated IgG (FcgammaRIII antigen). CD16 antigen exists in two different isoforms: CD16a is a transmembrane form (50-65 kDa) expressed on NK cells, monocytes and macrophages; CD16b is a GPI-anchored form (48 kDa) mainly expressed on neutrophils.

Isotype subclass: Mouse IgG1

Form:
The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC 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. Do not freeze. Avoid prolonged exposure to light

Application: Flow Cytometry

References:
Leukocyte Typing VI. Kishimoto T. et al. (Eds.), Garland Publishing Inc. (1997).
Boyle JJ Human macrophages kill human mesangial cells by Fas-L-induced apoptosis when triggered by antibody via CD 16. Clin Exp Immunol 137:529-37 (2004)

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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