

**anti-human CD16 purified****Cat-No.: H12148**      **0.1 mg****Clone:** LNK16**Specificity:**

The antibody reacts with CD16 antigen that functions as a low affinity receptor for aggregated IgG (Fcγ<sub>3</sub> 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:**

Purified from ascites by DEAE-chromatography and precipitation methods.

**Purity:** > 95% (by SDS-PAGE)**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:**

Flow Cytometry  
Immunoprecipitation

**References:**

Leukocyte Typing VI. Kishimoto T. et al. (Eds.), Garland Publishing Inc. (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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