

# anti-human Tumor Necrosis Factor alpha (TNF-alpha) Biotin

**Biotin-conjugated monoclonal antibody TNF $\alpha$ -5 to human TNF $\alpha$**

Cat-No: **21333012**

50  $\mu$ g in 100  $\mu$ l

**Clone:** TNF $\alpha$ -5

**Specificity:** The antibody reacts with human TNF-alpha.

**Isotype subclass:** Mouse IgG1

**Form:** The purified antibody is conjugated with Biotin-LC-NHS under optimum conditions. The reagent is free of unconjugated biotin.

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

**Physical state:** Liquid

**Buffer/Additives/Preservative:** TRIS/NaCL with 0.09 % sodium azide and 1% BSA (pH 7.2).

**Storage conditions:** Store at 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

**Application:** ELISA

**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. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

**ImmunoTools** Excellent Quality - Advantageously priced

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