

**anti-human CD19 Biotin-conjugated****Cat-No.:** H12153B**0.1 mg****Clone:** LT19**Specificity:**

The antibody LT19 reacts with CD19 (B4), a 95 kDa type I transmembrane glycoprotein (immunoglobulin superfamily) expressed on B lymphocytes and follicular dendritic cells; it is lost on plasma cells.

**Immunogen:** Daudi human Burkitt lymphoma cell line**Isotype subclass:** Mouse IgG1**Form:**

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

**Physical state:** Liquid**Buffer/Additives/Preservative:** PBS containing 0.09 % 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:**

Elias F, Flo J, Lopez RA, Zorzopulos J, Montaner A, Rodriguez JM: Strong cytosine-guanosine-independent immunostimulation in humans and other primates by synthetic oligodeoxynucleotides with PyNTTTTGT motifs. *J Immunol.* 2003 Oct 1; 171(7):3697-704.

Lin CW, Liu TY, Chen SU, Wang KT, Medeiros LJ, Hsu SM: CD94 1A transcripts characterize lymphoblastic lymphoma/ leukemia of immature natural killer cell origin with distinct clinical features. *Blood.* 2005 Nov 15; 106(10):3567-74. *Epub* 2005 Jul 26.

**Warning:**

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink, and animal feedingstuff (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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