



CD19 Antibody

E81107-10

Catalog Number: E81107-10**Quantity:** 100ul**Project ID:**

Description: B-lymphocyte antigen CD19 also known as CD19 (Cluster of Differentiation 19), is a 95 kDa type-I transmembrane glycoprotein which is restricted to B cell antigen. On the B cell surface, CD19 associates with CD21, CD81 and Leu-13 to exert its function. CD19 is also found on the follicular dendritic cells and the early cells of myelomonocytic lineage but not on normal T cells, NK cells, monocytes, granulocytes, erythrocytes and platelets.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Storage Buffer: 1*TBS (pH7.4), 0.5%BSA, 25%Glycerol. Preservative: 0.05% Sodium Azide.

Product Type: Rabbit Polyclonal IgG, primary antibodies

Form: Liquid

Purity: Immunogen affinity purified

Specificity/Source: This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a region of CD19.

Reactivity: Human Mouse

Applications: WB: 1:2,000-1:5,000

Molecular Weight: 80-95kDa

Swiss-Prot No.: P15391(human) P25918(mouse)

Cellular Localization: Cell membrane

Positive control: F9, NCCIT

References:

1. "An antibody-deficiency syndrome due to mutations in the CD19 gene." van Zelm M.C., Reisli I., van der Burg M., Castano D., van Noesel C.J.M., van Tol M.J.D., Woellner C., Grimbacher B., Patino P.J., van Dongen J.J.M., Franco J.L.N. Engl. J. Med. 354:1901-1912(2006)

2. "Systematic analysis of the role of CD19 cytoplasmic tyrosines in enhancement of activation in Daudi human B cells: clustering of phospholipase C and Vav and of Grb2 and Sos with different CD19 tyrosines." Brooks S.R., Li X., Volanakis E.J., Carter R.H.J. Immunol. 164:3123-3131(2000)

