

CD19 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250585

Unit: 0.1 mg

Description:

CD19 is a 95 kDa type-I transmembrane glycoprotein which is restricted to B cell antigen. CD19 antigen is expressed on normal and neoplastic B cells and also in some bone marrow cells. CD19 expression by B progenitor cells is presumably at late pro-B or early pre-B stages around the time of Ig heavy chain rearrangement. Expression persists during all stages of B cell maturation and is lost on terminal differentiation to plasma cells. CD19 antigen 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. In normal peripheral blood, 8-20% of lymphocytes express CD19 antigen. CD19 antigen plays a role in regulating B cell proliferation.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

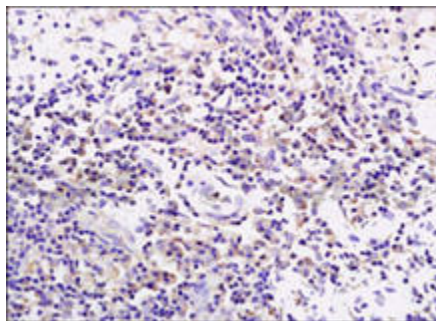
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: B-lymphocyte antigen CD19; Differentiation antigen CD19; B-lymphocyte surface antigen B4; Leu-12; CD19 antigen; CD19

Accession No.: P15391

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD-19.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



Paraffin-embedded rat tumor tissue is stained with CD19 Antibody (Cat. No. 250585) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Borrione P et al. 2013. Dept. Health Science. University of Rome. Blood Transfus. Doi: 10.2450/2013.0275-12

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