CD19 Antibody

Subcategory: Rabbit Polyclonal Antibody, FITC-conjugated Antibody
Cat. No.: 252262
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: IF
Species Reactivity: H, M, R
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 1% BSA 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 N-term region of human CD-19.
Application Notes: IF: 1:20-1:100; Ex: 490-495 nm, Em: 520-530 nm

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.