

CD19 Recombinant antibody

Cat:B32035R

Company: Haokebio

Uniprot ID:P15391

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

The human CD19 antigen is a transmembrane glycoprotein belonging to the immunoglobulin (Ig) superfamily. It can trigger a series of biological responses and may play a significant role in B-cell signal transduction and/or growth regulation, as well as the development of humoral immune responses. CD19 is specifically expressed in normal B cells, neoplastic B cells, and follicular dendritic cells. In normal tissues, CD19 is expressed throughout the entire developmental process of the B-cell lineage, but its expression is downregulated during the terminal differentiation stage of plasma cells. In tumor tissues, CD19 is highly conservatively expressed in most B-cell neoplasms, such as the majority of acute lymphoblastic leukemias (ALL), chronic lymphocytic leukemias (CLL), and B-cell lymphomas.

Protein full name:

CD19 molecule

Synonyms:

B lymphocyte antigen CD19, B4, B-lymphocyte antigen CD19, B-lymphocyte surface antigen B4, CD19 molecule

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

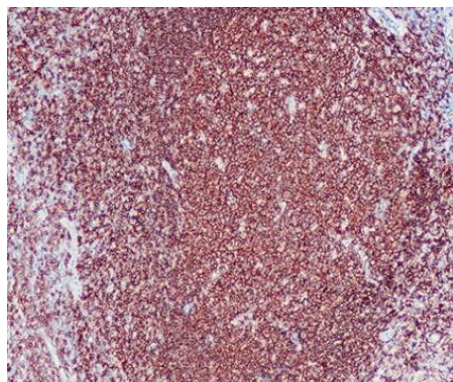
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human tonsil tissue, 4% PFA 12-24h

Source of Reagents:

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