

## CD19 Recombinant Rabbit Monoclonal Antibody

**Cat:HKZ150164**
**Company:** HaoKebio

**Uniprot ID:**P15391

**Organism:**Rabbit

**Species reactivity:**Human

**Predicted Molecular Weight:** 61 kDa

**Applications:** IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

**Background:**

The human CD19 antigen is a transmembrane glycoprotein belonging to the immunoglobulin (Ig) superfamily. It can trigger a range of biological responses and is likely significant for B-cell signaling, growth regulation, and 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 B-cell lineage development but is downregulated during the terminal differentiation of plasma cells. In tumor tissues, CD19 is highly conserved and 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 antigen

**Synonyms:**

CD19

**Immunogen:**

A synthetic peptide corresponding to amino acid residues 456–556 of CD19.

**Isotype:**

IgG

**Subcellular location:**

Cell membrane

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**

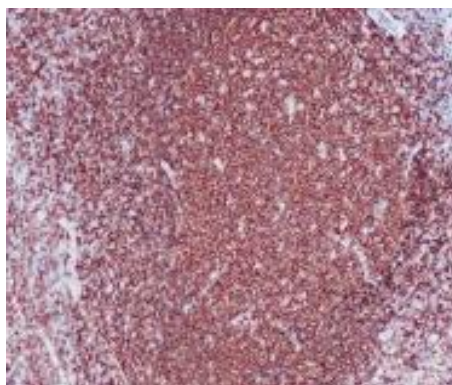
59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

**Storage:**

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

**Experimental procedure:**

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C – 25 °C) for 30 minutes.

**Images:**


Immunohistochemical results of CD19 labeling in tonsil tissue (formalin-fixed, paraffin-embedded sections) using HKZ150164. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

**Source of Reagents:**

1. Wang K, et al. Exp Hematol Oncol. 2012 Nov 29;1(1):36.
2. Hammer O, et al. MAbs. 2012 Sep-Oct;4(5):571-7.

**Source of Reagents:**

发表[中文论文]请标注: CD19 (HKZ150164) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: CD19 (HKZ150164) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

