

CD10 Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150177

Company: HaoKebio

Uniprot ID:P08473

Organism:Rabbit

Species reactivity:Human

Predicted Molecular Weight: 86 kDa

Applications: IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

Background:

CD10, also known as the Common Acute Lymphoblastic Leukemia Antigen (CALLA), is expressed in bone marrow hematopoietic stem cells (including neutrophils), germinal center blasts, subsets of mature B lymphocytes, and parafollicular T lymphocytes. Additionally, CD10 is detected in the brush border cells of intestinal villi, hepatic canaliculi, glomerular and renal tubular cells, pneumocytes, myoepithelial cells, as well as epithelial cells of the breast, sweat glands, salivary glands, and prostate, along with limited fibroblasts. CD10 expression is observed in most acute lymphoblastic leukemias, follicular lymphomas, and Burkitt's lymphomas. It serves as a specific marker for classifying B-cell leukemias/lymphomas and other tumors such as hepatocellular carcinomas and renal cell carcinomas.

Protein full name:

Common Acute Lymphocytic Leukemia Antigen

Synonyms:

CD10, EPN, Enkephalinase

Immunogen:

Synthetic peptide corresponding to amino acid residues 1–500 of human CD10

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

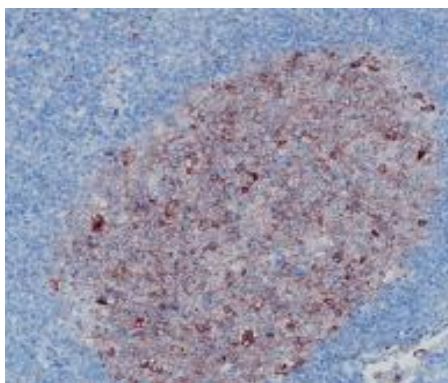
Storage:

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:



HKZ150177-labeled CD10 in tonsil tissue (formalin-fixed, paraffin-embedded sections) using Tris-EDTA buffer (pH 9.0) for antigen retrieval.

Source of Reagents:

1. Chu P, et al. Am J Clin Pathol. 2000 Mar;113(3):374-82.
2. Iwaya K, et al. Virchows Arch. 2002 Jun;440(6):589-93.

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发表[中文论文]请标注: CD10 (HKZ150177) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: CD10 (HKZ150177) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

