

CD30 Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150128

Company: HaoKebio

Uniprot ID:: P28908

Applications: IHC: 1:100-1:200

Organism:Rabbit

IHC-Polymer: 1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Predicted Molecular Weight: 64 kDa

Background:

CD30, a transmembrane glycoprotein belonging to the tumor necrosis factor receptor superfamily, is composed of an extracellular domain with six cysteine-rich repeats, a transmembrane segment, and an intracellular domain (PMID: 1310894). It serves as the receptor for TNFSF8/CD30L, interacts with TRAF2 and TRAF5, and mediates signal transduction leading to NF-kappaB activation. CD30 expression is observed on a small subset of activated T and B lymphocytes and in various lymphoid neoplasms, with highest expression in classical Hodgkin lymphoma and anaplastic large cell lymphoma. Reactivity for CD30 has also been reported in non-lymphoid malignancies, including embryonal carcinomas (ECs), seminomas, and hepatocellular carcinomas.

Protein full name:

Cluster of differentiation 30

Synonyms:

Ki 1 antigen, TNFRSF 8

Immunogen:

A synthetic peptide corresponding to amino acid residues 495 to the C-terminus of human CD30.

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

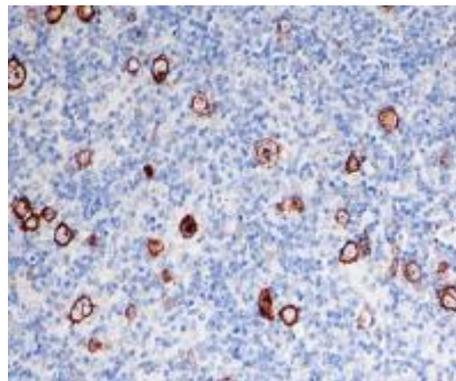
Storage:

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 staining of CD30 in human Hodgkin lymphoma tissue (formalin-fixed paraffin-embedded section) using antibody HKZ150128. Antigen retrieval was performed using Tris-EDTA buffer (pH 9.0).

Source of Reagents:

1. Watanabe M., et al. Am J Pathol. 2003 Aug;163(2):633-41.
2. Pileri SA., et al. J Clin Pathol. 2002 Mar;55(3):162-76.

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发表[中文论文]请标注: CD30(HKZ150128)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: CD30(HKZ150128) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

