

CD163 Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150181
Company: HaoKebio

Uniprot ID:Q86VB7

Organism:Rabbit

Species reactivity:Human

Predicted Molecular Weight:125kDa

Applications: IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

Background:

CD163 is a type I membrane protein belonging to the scavenger receptor superfamily. It is currently the most specific marker for histiocytes and is expressed in peripheral blood monocytes and macrophages in most tissues, such as splenic dendritic cells, alveolar macrophages, and hepatic Kupffer cells. However, CD163 is not expressed in naive cells within lymphoid follicles, macrophages in the mantle zone, Langerhans cells, or interdigitating dendritic cells. In tumor tissues, CD163 is expressed in monocytoic cells of most acute myeloid leukemias (AMLs), as well as in many histiocytic sarcomas, fibrosarcomas, sinus histiocytoses with massive lymphadenopathy, Langerhans cell histiocytosis, typical and atypical fibrosarcomas, and some dermatofibrosarcomas.

Protein full name:

CD163 antigen

Synonyms:

CD163

Immunogen:

Synthetic peptide corresponding to amino acid residues 1056–1156 of CD163.

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

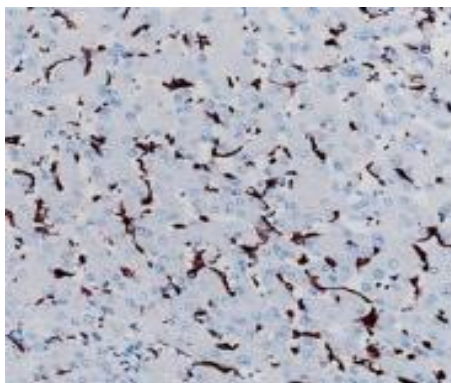
59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

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 CD163-labeled liver tissue (formalin-fixed, paraffin-embedded sections) using HKZ150181. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

Source of Reagents:

1. Garcia C, et al. Appl Immunohistochem Mol Morphol 2008, 16(5), 417-21..
2. Nguyen TT, et al. Am J Surg Pathol 2005, 29(5), 617-24.

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发表[中文论文]请标注:CD163 (HKZ150181) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: CD163 (HKZ150181) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

