

CD68 Recombinant Rabbit Monoclonal Antibody

Cat: HKZ150154**Company:** HaoKebio**Uniprot ID:** P34810**Organism:** Rabbit**Species reactivity:** Human**Predicted Molecular Weight:** 37 kDa**Applications:** IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA: 1:500-1:1000

Background:

CD68 is a highly glycosylated transmembrane protein and one of the most widely used markers for macrophages in routine applications. It plays a role in macrophage phagocytosis, intracellular lysosome metabolism, and extracellular interactions between cells or between cells and pathogens. CD68 is detected in various types of macrophages and reacts with myeloid precursor cells in the bone marrow. CD68 positivity can be observed in Kupffer cells, normal lymphoid tissue cells, mast cells, and microglial cells. In tumor tissues, CD68 is expressed in fibrous tissue tumors, some epithelial tumors, and epithelial cells of certain malignant melanomas.

Protein full name:

CD68

Synonyms:

Scard1, gp110

Immunogen:

A synthetic peptide corresponding to amino acid residues 100–200 of CD68.

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

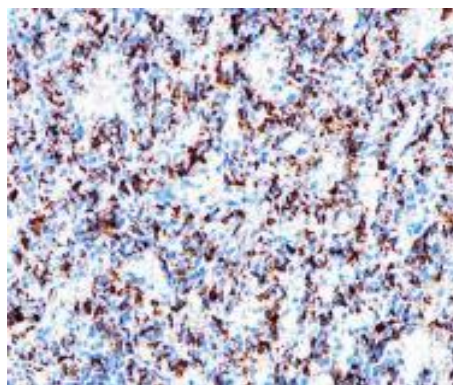
59% PBS, 0.01% sodium azide, 40% glycerol,
0.05% BSA.

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 CD68-labeled spleen tissue (formalin-fixed, paraffin-embedded sections) using HKZ150154. Tris-EDTA buffer (pH 9.0) was used for antigen retrieval.

Source of Reagents:

1. Kunz-Schughart LA, et.al, Verh Dtsch Ges Pathol. 2003;87:215-23.
2. Sachdev R, et.al, J Cutan Pathol. 2006 May;33(5):353-60.

Source of Reagents:

发表[中文论文]请标注: CD68 (HKZ150154) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: CD68 (HKZ150154) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

