

CD68 Recombinant antibody

Cat:B32026R

Company: Haokebio

Uniprot ID:P34810

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

CD68 is a highly glycosylated transmembrane protein and currently the most widely used macrophage marker in routine practice. It functions in the phagocytic activity of macrophages, intracellular lysosomal metabolism, and extracellular interactions between cells (cell-cell interactions) as well as between cells and pathogens (cell-pathogen interactions). CD68 is detected in different types of macrophages and also reacts with bone marrow precursor cells in the bone marrow. CD68 positivity is 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 the epithelial cells of certain malignant melanomas.

Protein full name:

CD68 antigen

Synonyms:

Scard1, gp110, CD68 antigen

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

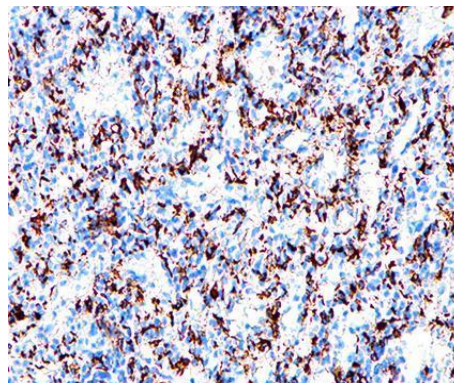
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human spleen tissue, 4% PFA 12-24h

Source of Reagents:

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