

MPO Recombinant antibody

Cat:B32083R

Company: Haokebio

Uniprot ID:P05164

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Myeloperoxidase labels neutrophils and monocytes in the blood, as well as granulocyte precursor cells in the bone marrow; it does not label lymphocytes, which helps in distinguishing between lymphoblastic and myeloid leukemias. Myeloperoxidase is an important marker for bone marrow cells (from the promyelocyte stage to the mature stage). Through sensitive immunohistochemical (IHC) chromogenic systems and effective antigen retrieval methods, 17-23% of cases with precursor B-cell acute lymphoblastic leukemia express Myeloperoxidase. The combined use of Myeloperoxidase, CD3, CD79a, and TdT is of great significance for the diagnosis of acute leukemias.

Protein full name:

myeloperoxidase

Synonyms:

3J17, EC:1.11.2.2, myeloperoxidase

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

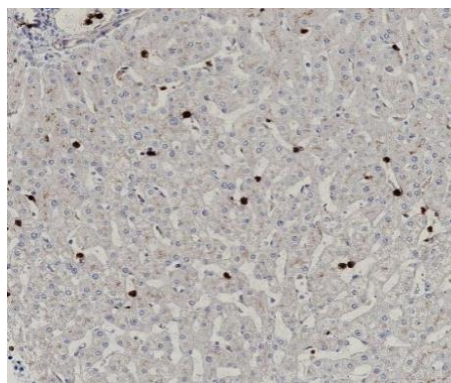
Storage:

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 liver tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Myeloperoxidase(B32083R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Myeloperoxidase(B32083R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.