

CD1a Recombinant antibody

Cat:B32044R

Company: Haokebio

Uniprot ID:P06126

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

CD1a is a member of the CD1 protein family, which comprises CD1a, CD1b, and CD1c. These proteins have the ability to present microbial lipid antigens to T cells. CD1a is mainly expressed in Langerhans cells (LCs) and can also be expressed in T cells under specific conditions. Immature thymocytes and some T cells in tumors—such as precursor lymphoblastic lymphoma/leukemia and follicular dendritic cell sarcoma—all express CD1a. The expression of CD1a in pathogenic LCs (Langerhans cells) of LCH (Langerhans cell histiocytosis) is regarded as a marker of this disease and may serve as a potential target for future treatment regimens of inflammatory skin diseases.

Protein full name:

CD1a molecule

Synonyms:

CD1, CD1A, CD1a molecule, FCB6, HTA1, hTall thymocyte antigen, R4, T6

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.

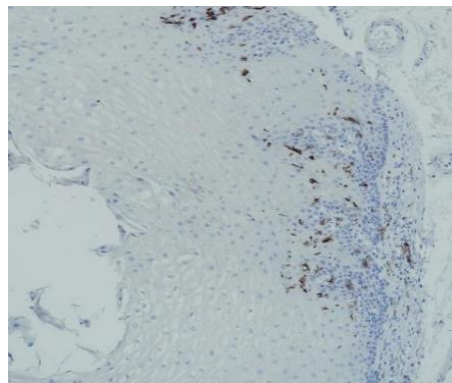
Storage:

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 esophagus tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:CD1a(B32044R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:CD1a(B32044R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.