

PMEL17 Recombinant antibody

Cat:B32021R

Company: Haokebio

Uniprot ID:P40967

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

PMEL17 is a melanosome-specific antigen, also known as HMB45 or GP100. It plays a crucial role in the maturation of melanocytes from Stage I to Stage II, where the transition from Stage I to Stage II involves the elongation of vesicles with a distinct fibrous structure in their interior. PMEL17 is distributed in immature and activated melanocytes (such as those in inflammatory lesions, proliferative blood vessels, or potential tumors) and is absent from mature and quiescent melanocytes.

PMEL17 is also expressed in melanomas. Studies have shown that the routine use of PMEL17 can serve as a sensitive and specific melanocyte marker.

Protein full name:

Premelanosome Protein 17

Synonyms:

HMB45, GP100

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.

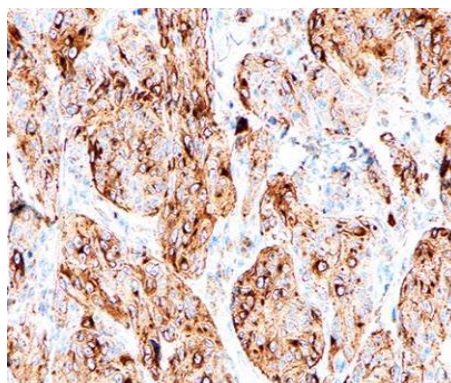
Storage:

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 melanoma tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:PMEL17(B32021R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:PMEL17(B32021R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.