

Caldesmon Monoclonal antibody

Cat:B32117R

Company: Haokebio

Uniprot ID:Q05682

Applications: IHC:1:100-1:200

Organism:Mouse

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Caldesmon is a protein that binds to smooth muscle actin and calmodulin, and functions to regulate smooth muscle contraction. In clinical diagnosis, Caldesmon is used for the differential diagnosis between true smooth muscle tumors and fibroblastomas. When combined with CD10, it is used to differentiate between uterine leiomyomas and endometrial stromal sarcomas. Additionally, it is also applied in the differential diagnosis between ovarian/peritoneal serous papillary carcinomas and epithelioid mesotheliomas.

Protein full name:

caldesmon 1

Synonyms:

CALD1, CAD, caldesmon 1, CDM

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

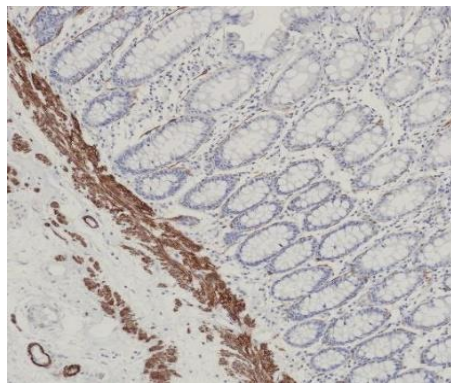
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

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 colon tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Caldesmon(B32117R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Caldesmon(B32117R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.