

EpCAM Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150174
Company: HaoKebio

Uniprot ID:P16422

Organism:Rabbit

Species reactivity:Human

Predicted Molecular Weight: 35 kDa

Applications: IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

Background:

EpCAM (Epithelial Cell Adhesion Molecule) is a transmembrane glycoprotein that acts as a homophilic receptor between intestinal epithelial cells (IECs) and mucosal intraepithelial lymphocytes (IELs). It plays a significant role in the proliferation and differentiation of embryonic stem cells, while also upregulating the expression of FABP5, MYC, and cyclins A and E. EpCAM is located on the cell membrane surface (preferentially on basal cells) and in the cytoplasm of nearly all epithelial cells, except for most squamous epithelial cells, hepatocytes, renal proximal tubule cells, gastric parietal cells, and myoepithelial cells. EpCAM is detectable in most epithelial tumors, whereas most non-epithelial tumors do not show EpCAM expression.

Protein full name:

Epithelial cell adhesion molecule

Synonyms:

EPCAM, EGP, CO17 1A, CO 17A, Cell surface glycoprotein Trop-1

Immunogen:

A synthetic peptide corresponding to amino acid residues 1-100 of EpCAM.

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

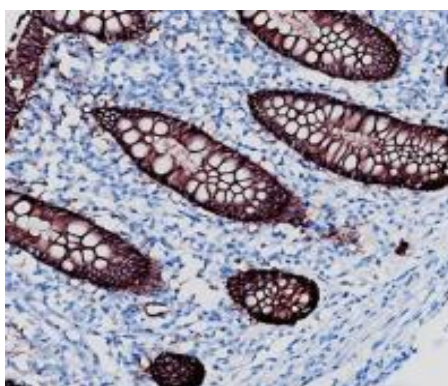
59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C – 25 °C) for 30 minutes.

Images:


Immunohistochemical results of EpCAM staining in colon tissue (formalin-fixed, paraffin-embedded sections) using HKZ 150174. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

Source of Reagents:

1. Latza U, et al. J Clin Pathol. 1990;43:213-219.
2. Ordóñez NG. Am J Clin Pathol. 1998;109(1):85-89.

Source of Reagents:

发表[中文论文]请标注: EpCAM (HKZ150174) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: EpCAM (HKZ150174) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

