

E-Cadherin Recombinant antibody

Cat:B32037R

Company: Haokebio

Uniprot ID:P12830

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

E-cadherin is a transmembrane, calcium-dependent cell adhesion protein that regulates cell-cell adhesion and maintains the structural and functional integrity of epithelial tissues. Reduced or abnormal E-cadherin expression disrupts intercellular connections, thereby enabling cells to migrate. In normal tissues, E-cadherin immunostaining localizes to the cell membrane of epithelial cells. In tumor tissues, E-cadherin shows positive staining in glandular epithelium and adenocarcinomas of the lung, gastrointestinal tract, and ovary. The use of E-cadherin in combination with p120 catenin can help distinguish between breast ductal carcinoma and lobular carcinoma.

Protein full name:

cadherin 1, type 1, E-cadherin (epithelial)

Synonyms:

6B11F11, Arc 1, Cadherin 1, Cadherin-1, CAM120/80

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.

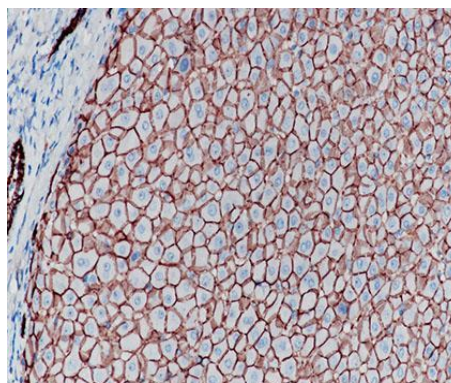
Storage:

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 liver tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:E-Cadherin(B32037R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:E-Cadherin(B32037R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.