

E-Cadherin Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150166

Company: HaoKebio

Uniprot ID:P12830

Organism:Rabbit

Species reactivity:Human

Predicted Molecular Weight: 97 kDa

Applications: IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

Background:

E-cadherin is a transmembrane, calcium-dependent cell adhesion protein that regulates cell-to-cell adhesion and maintains the structural and functional integrity of epithelial tissues. Reduced or aberrant E-cadherin expression disrupts intercellular connections, enabling cell migration. 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. Co-staining E-cadherin with p120 catenin helps distinguish ductal carcinoma from lobular carcinoma in breast cancer.

Protein full name:

E-cadherin

Synonyms:

Cadherin 1

Immunogen:

A synthetic peptide corresponding to amino acid residues 600–700 of E-cadherin.

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

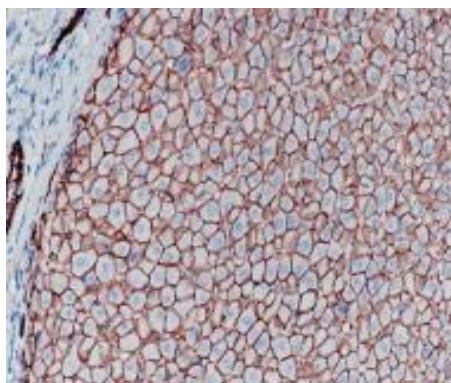
Storage:

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 E-cadherin labeling in liver tissue (formalin-fixed, paraffin-embedded sections) using HK Z150166. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

Source of Reagents:

1. Xie Y, et al. Oncotarget. 2017 Aug 4;8(37):62489-62499.
2. van Roy F, et al. Cell Mol Life Sci. 2008 Nov;65(23):3756-88.

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发表[中文论文]请标注: E-Cadherin (HKZ150166) 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 (HKZ150166) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

