

Vimentin Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150129

Company: HaoKebio

Uniprot ID:: P08670

Applications:

IHC: 1:100-1:200

Organism:Rabbit

IHC-Polymer: 1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Predicted Molecular Weight:54 kDa

Background:

Vimentin is the most common member of the intermediate filament (IF) family and a major component of the cytoskeletal structure. It is expressed in various mesenchymal cell types: fibroblasts, endothelial cells, and many other cell types derived from the mesoderm, such as mesothelial and ovarian granulosa cells. In non-vascular smooth muscle cells, vimentin is typically replaced by desmin. In striated muscle, vimentin is also replaced by desmin, which was reexpressed during regeneration. In tumor tissues, it is present in many different cancers, particularly those derived from mesenchymal cells.

Protein full name:

Vimentin

Synonyms:

VIM, 6K21 Vim

Immunogen:

A synthetic peptide corresponding to amino acid residues 366–466 of vimentin was used as the immunogen.

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

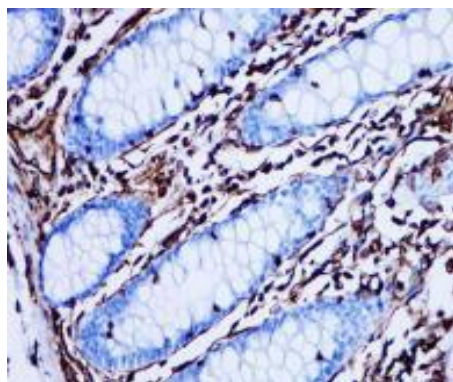
Storage:

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 human colon tissue (formalin-fixed, paraffin-embedded sections) labeled with HKZ150129 for vimentin. Tris-EDTA buffer (pH 9.0) was used for antigen retrieval.

Source of Reagents:

1. Xiaotian Jia, et al, Oncol Lett. 2016 Sep; 12(3): 1717-1720.
2. Bo Su, et al, Oncotarget. 2016 Mar 1; 7(9): 10498-10512.

Source of Reagents:

发表[中文论文]请标注: Vimentin (HKZ150129)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: Vimentin (HKZ150129) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

