

VIMENTIN Recombinant antibody

Cat: B22003L

Company: HaoKebio

Uniprot ID: P08670

Applications: IHC:1:5000-1:10000

Organism: Rabbit

IHC-Polymer:1:20000-1:40000

Species reactivity: Human Mouse Rat

IHC-TSA:1:25000-1:50000

Molecular Weight Calculation: 466 aa, 54 kDa

IF:1:250-1:500

Observed Molecular Weight: 54 kDa

WB:1:20000-1:50000

FC:1:1000

IP:1:50-1:100

Background:

Vimentin, also named as VIM, belongs to the intermediate filament family. Vimentin is class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is important for stabilizing the architecture of the cytoplasm. Monocyte-derived macrophages secrete vimentin into the extracellular space in vitro. Secretion of vimentin was enhanced by the pro-inflammatory cytokine tumor necrosis factor- α (TNF α ; 191160) and inhibited by the anti-inflammatory cytokine IL10 (124092), suggesting that vimentin is involved in the immune response. Vimentin has specialized functions that contribute to specific dynamic cellular processes. As a phosphoprotein, 55-60 kDa of vimentin proteins can be observed due to the different phosphorylation level. Isoforms of vimentin (49 kDa and 60 kDa) had also been reported.

Protein full name:

vimentin

Synonyms:

VIM

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

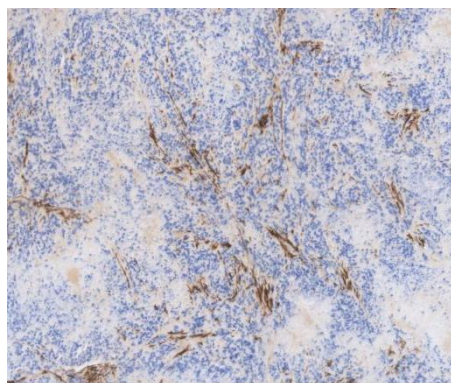
Storage:

Store at -20 °C for one year.

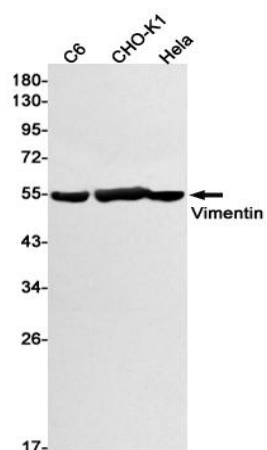
Experimental procedure:

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 tumor, 4% PFA 12-24h



Dilution of 1:50000 incubated at room temperature for 1.5 hours.

Source of Reagents:

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