

## Vimentin Recombinant antibody

**Cat:**B22003R

**Company:** Haokebio

**Uniprot ID:**P08670

**Applications:** IHC:1:200-1:500

**Organism:**Rabbit

IHC-Polymer:1:800-1:2000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:1000-1:2500

**Molecular Weight Calculation:**54 kDa

WB:1:1000

**Observed Molecular Weight:**54 kDa

### Background:

This gene encodes a type III intermediate filament protein. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The encoded protein is responsible for maintaining cell shape and integrity of the cytoplasm, and stabilizing cytoskeletal interactions. This protein is involved in neuritogenesis and cholesterol transport and functions as an organizer of a number of other critical proteins involved in cell attachment, migration, and signaling. Bacterial and viral pathogens have been shown to attach to this protein on the host cell surface. Mutations in this gene are associated with congenital cataracts in human patients.

### Protein full name:

vimentin

### Synonyms:

VIM

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Cytoskeleton

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

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

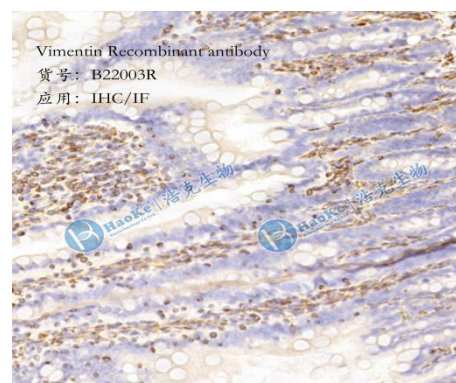
### Storage:

Store at -20 °C for one year.

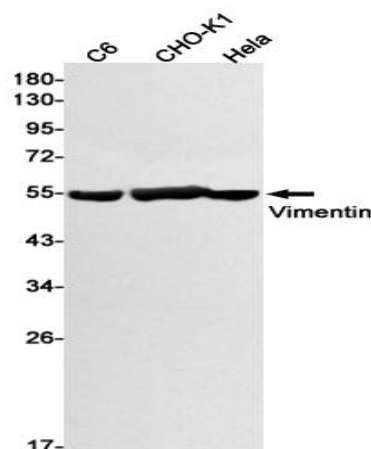
### Experimental procedure:

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: Mouse intestine, 4% PFA 12-24h.



Dilution of 1:1000 incubated at room temperature for 1.5 hours.

### Source of Reagents:

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