

## CD117 Recombinant antibody

Cat:B32053R

Company: Haokebio

Uniprot ID:P10721

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

### Background:

CD117 is a cell membrane protein encoded by the c-kit proto-oncogene (located on chromosome 4q11-12). This protein is a type III tyrosine kinase growth factor receptor for stem cell factor. CD117 is expressed in Cajal cells, melanocytes, and stromal cells. Meanwhile, it exhibits weak cytoplasmic reactivity in various epithelial cells, including those of the mammary gland, sweat gland, salivary gland, renal tubular cells, and thyroid follicular cells. CD117 serves as a specific marker for immunohistochemical testing of gastrointestinal stromal tumors (GISTs) and is also a marker for some testicular germ cell tumors.

### Protein full name:

v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog

### Synonyms:

CD117, KIT, EC:2.7.10.1, c-Kit, C Kit

### Immunogen:

Peptide

### Isotype:

IgG

### Subcellular location:

Cytoplasm, Cell membrane

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

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

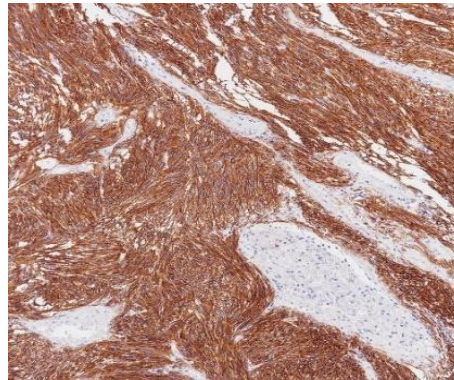
### Storage:

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 Gastrointestinal stromal tumor tissue, 4% PFA 12-24h

### Source of Reagents:

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