

## c-Kit/CD117 (ABT143R) Rabbit mAb (Ready to Use)

CatalogNo: YM7031R **Recombinant** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human,

#### Applications

- IHC

#### Isotype

- IgG1, Kappa

### Recommended Dilution Ratios

Ready to use for IHC

### Storage

**Storage\*** 2°C to 8°C/1 year

**Formulation** The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300

### Basic Information

**Clonality** Monoclonal

**Clone Number** ABT143R

### Immunogen Information

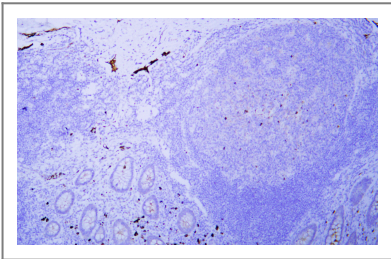
**Immunogen** Synthesized peptide derived from human CD117 AA range:1-100

**Specificity** This antibody detects endogenous levels of c-Kit/CD117

### Target Information

Gene name	KIT		
Protein Name	C Kit;c-Kit;c-Kit Ligand;CD117;Kit;Kit Ligand;KIT oncogene;KIT proto oncogene receptor tyrosine kinase;KIT_HUMAN;Mast cell growth factor receptor;Mast/stem cell growth factor receptor Kit;MGF;p145 c-kit;PBT;Piebald trait protein;Proto oncogene c Kit;Proto oncogene tyrosine protein kinase Kit;Proto-oncogene c-Kit;SCF Receptor;SCFR;soluble KIT variant 1;Steel Factor Receptor;Stem cell factor receptor;tyrosine protein kinase Kit;Tyrosine-protein kinase Kit;v kit Hardy Zuckerman 4 feline sarcoma viral oncogene homolog;v kit Hardy Zuckerman 4 feline sarcoma viral oncogene like protein;v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">3815;</a>	<a href="#">P10721;</a>
	Mouse	<a href="#">16590;</a>	<a href="#">P05532;</a>
Cellular Localization	Cytoplasmic, Membranous		
Tissue specificity	Appendix		
Function	Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,Disease:Defects in KIT are a cause of gastrointestinal stromal tumor (GIST) [MIM:606764].,Disease:Defects in KIT are a cause of piebaldism [MIM:172800]. Piebaldism is an autosomal dominant genetic developmental abnormality of pigmentation characterized by congenital patches of white skin and hair that lack melanocytes.,Disease:Defects in KIT have been associated with testicular tumors [MIM:273300]. It includes germ cell tumor (GCT) or testicular germ cell tumor (TGCT).,Function:This is the receptor for stem cell factor (mast cell growth factor). It has a tyrosine-protein kinase activity. Binding of the ligands leads to the autophosphorylation of KIT and its association with substrates such as phosphatidylinositol 3-kinase (Pi3K).,online information:CD117 entry,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 5 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Interacts with APS. Interacts with MPDZ (via the tenth PDZ domain). Interacts with PTPRU.,		

| Validation Data



Human appendix was stained with anti-CD117 (C-kit) (ABT143R) rabbit mAb

| Contact information

Orders: order.cn@immunoway.com  
Support: support.cn@immunoway.com  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code  
to access additional  
product information:  
**c-Kit/CD117  
(ABT143R) Rabbit  
mAb (Ready to Use)**

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For Research Use Only. Not for Use in Diagnostic Procedures.

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