

Rabbit CD117 Monoclonal Antibody | anti-CD117 antibody

CD117 (RM359)

CATALOG # AAA59400	HOST Rabbit	REACTIVITY Human, Monkey, Predicted: Marmoset
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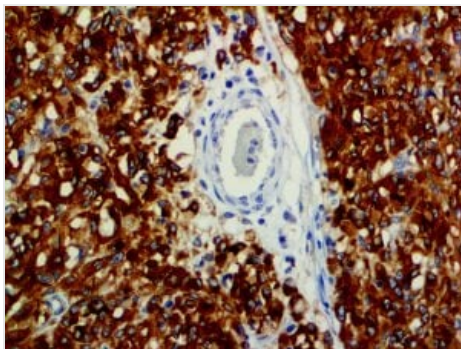
PRODUCT SYNONYMS

CD117; Monoclonal Antibody; CD117 (RM359); c Kit; Kit; cKit; anti c Kit; anti c-Kit; anti CD117; anti cKit; anti-c Kit; anti-c-Kit; anti-CD117; anti-cKit; belly spot; Bs; c kit proto oncogene protein; dominant spotting; Dominant white spotting; Fdc; Gsfsc01; Gsfsc05; Gsfsc03; kit oncogene; Mast stem cell growth factor receptor Kit; proto oncogene c Kit; proto oncogene tyrosine protein kinase Kit; SCFR; SCO1; SCO5; SOW3; spotted sterile male; Ssm; Steel Factor Receptor; Tr kit; Tyrosine protein kinase Kit; W; anti-CD117 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey, Predicted: Marmoset
Clonality	Monoclonal
Isotype	IgG
Clone Number	RM359
Form/Format	Paraffin, Frozen CD117 is rabbit monoclonal antibody from supernatant diluted in Phosphate Buffered Saline, pH7.6, with protein base, and preserved with Sodium Azide preservative.
Immunogen	A peptide corresponding to the C-terminus of human CD117/c-Kit.
Control	Skin, Testis, Breast, GIST, Colon, Brain, Tonsil
Localization	Cytoplasmic, Membranous, Nuclear
Preparation and Storage	Store at 2-8 degree C (Control Slides: Store at 20-25 degree C)

IMAGES



IHC (Immunohistochemistry)
CD117 Antibody Immunohistochemistry on an FFPE GIST Tissue

Antibody Type	Dilution	Volume/QT
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:100-1:500	0.1 ml
Concentrated	1:100-1:500	0.5 ml
Concentrated	1:100-1:500	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-CD117 antibody	CD117 is a tyrosine-kinase receptor for stem cell factor (SCF), also known as "steel factor" or "c-kit ligand". C-kit is a polypeptide that activates bone marrow precursors of a number of blood cells, but its receptor is also present in other cells. C-kit mutations in the interstitial cells of Cajal in the digestive tract are probably the key to Gastrointestinal Stromal Tumors (GISTs). CD117 antibody reacts with interstitial cells of Cajal, germ cells, bone marrow stem cells, melanocytes, breast epithelium and mast cells. This receptor is found on a wide variety of tumor cells (Follicular and Papillary Carcinoma of the Thyroid, Adenocarcinomas from endometrium, lung, ovary, pancreas, breast; Malignant Melanoma, Endodermal Sinus Tumor, Small-cell Carcinoma) but has been particularly useful in differentiating Gastrointestinal Stromal Tumors (GIST) from Kaposi's Sarcoma and tumors of smooth-muscle origin.
References	1. Blood Research. "Splenic Myeloid metaplasia in warm autoimmune hemolytic anemia (wAIHA): a retrospective study".

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd117-antibody-clone-rm359-elisa/59400>