

Anti-c-kit/CD117 Rabbit pAb



WL00125

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-c-kit/CD117 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat, Rabbit	
Tested applications	WB	1:500-1:1000
	IHC	1:100-1:400
	IF	1:100-1:400
Cellular localization	Cell membrane, Cytoplasm	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

This protein encodes the human homolog of the proto-oncogene c-Kit. c-Kit was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. c-Kit is a type 3 transmembrane receptor for MGF (mast cell growth factor, also known as stem cell factor). Mutations in this gene are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous leukemia, and piebaldism.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of c-kit/CD117.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

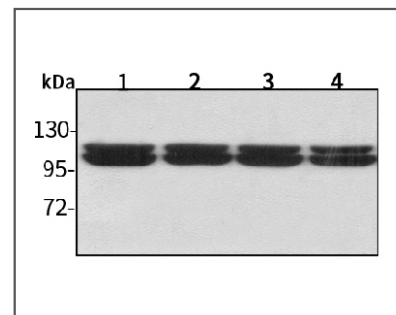
Anti-c-kit/CD117 Rabbit pAb



WL00125

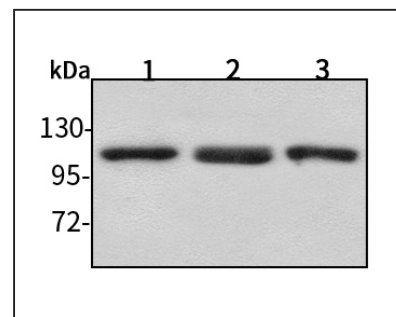
For Research Use Only. Not For Use In Diagnostic Procedures

Product Images



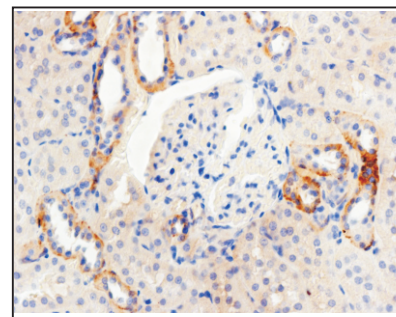
Western blot-Anti-c-kit/CD117 pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-c-kit/CD117 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 110kDa
 Observed band size: 120-145 kDa



Western blot-Anti-c-kit/CD117 pAb

Lane 1: Mouse kidney tissue lysate
 Lane 2: Mouse liver tissue lysate
 Lane 3: Rat brain tissue lysate
 All lanes: Anti-c-kit/CD117 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 110kDa
 Observed band size: 120-145 kDa



Immunohistochemistry-Anti-c-kit/CD117 pAb

Immunohistochemical analysis of paraffin-embedded rat kidney using anti-c-kit/CD117 Rabbit Antibody at 1:100 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

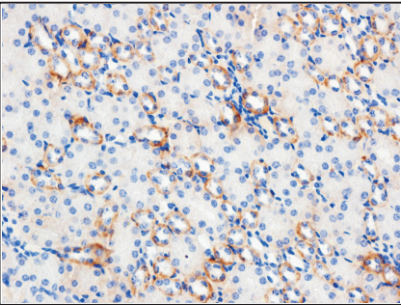
Anti-c-kit/CD117 Rabbit pAb



WL00125

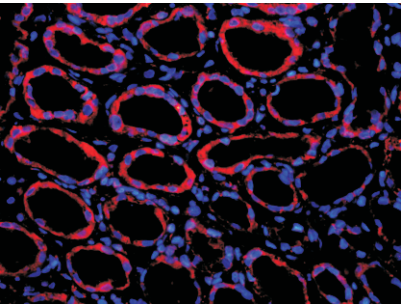
For Research Use Only. Not For Use In Diagnostic Procedures

Product Information



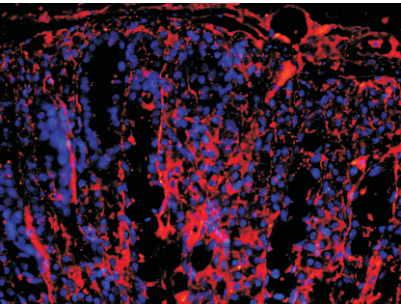
Immunohistochemistry-Anti-c-kit/CD117 pAb

Immunohistochemical analysis of paraffin-embedded mouse kidney (LPS treated) using anti-c-kit/CD117 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-c-kit/CD117 pAb

Immunofluorescence analysis of paraffin-embedded human kidney using anti-c-kit/CD117 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-c-kit/CD117 pAb

Immunofluorescence analysis of paraffin-embedded mouse colon using anti-c-kit/CD117 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

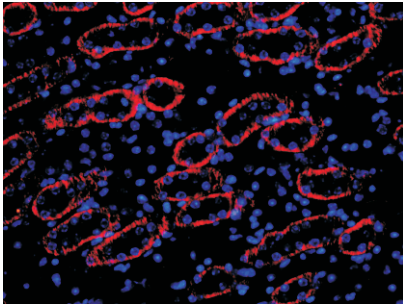
Anti-c-kit/CD117 Rabbit pAb



WL00125

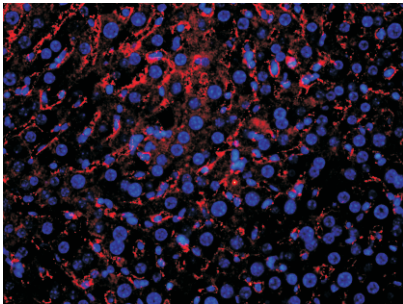
For Research Use Only. Not For Use In Diagnostic Procedures

Product Images



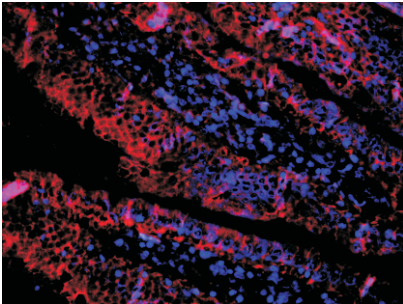
Immunofluorescence-Anti-c-kit/CD117 pAb

Immunofluorescence analysis of paraffin-embedded mouse kidney using anti-c-kit/CD117 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-c-kit/CD117 pAb

Immunofluorescence analysis of paraffin-embedded mouse liver using anti-c-kit/CD117 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-c-kit/CD117 pAb

Immunofluorescence analysis of paraffin-embedded rat colon using anti-c-kit/CD117 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

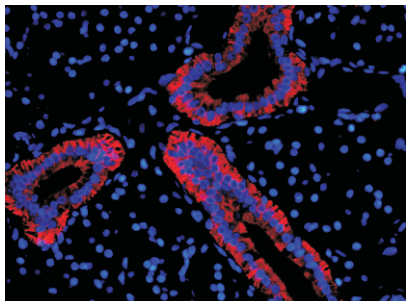
Anti-c-kit/CD117 Rabbit pAb



WL00125

For Research Use Only. Not For Use In Diagnostic Procedures

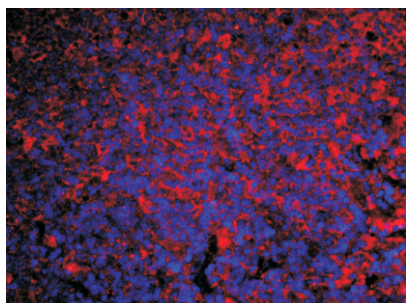
Product Information



Immunofluorescence-Anti-c-kit/CD117 pAb

Immunofluorescence analysis of paraffin-embedded rabbit submandibular gland using anti-c-kit/CD117 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-c-kit/CD117 pAb

Immunofluorescence analysis of paraffin-embedded rabbit thymus using anti-c-kit/CD117 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0