

c-Kit Rabbit mAb

Catalog No: #48897

Package Size: #48897-1 50ul #48897-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

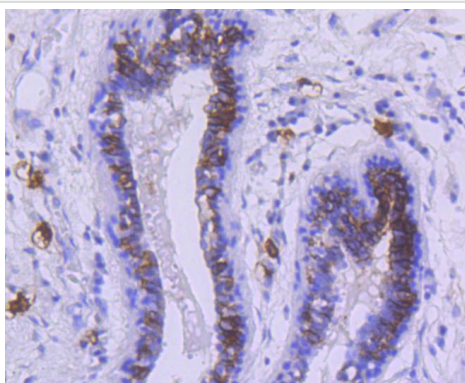
Description

Product Name	c-Kit Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	ST04-99
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	C Kit antibody c-Kit antibody c-Kit Ligand antibody CD117 antibody Kit antibody Kit Ligand antibody KIT oncogene antibody KIT proto oncogene receptor tyrosine kinase antibody KIT_HUMAN antibody Mast cell growth factor receptor antibody Mast/stem cell growth factor receptor Kit antibody MGF antibody p145 c-kit antibody PBT antibody Piebald trait protein antibody Proto oncogene c Kit antibody Proto oncogene tyrosine protein kinase Kit antibody Proto-oncogene c-Kit antibody SCF Receptor antibody SCFR antibody soluble KIT variant 1 antibody Steel Factor Receptor antibody Stem cell factor receptor antibody tyrosine protein kinase Kit antibody Tyrosine-protein kinase Kit antibody v kit Hardy Zuckerman 4 feline sarcoma viral oncogene homolog antibody v kit Hardy Zuckerman 4 feline sarcoma viral oncogene like protein antibody v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog antibody
Accession No.	Swiss-Prot#:P10721
Calculated MW	110 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

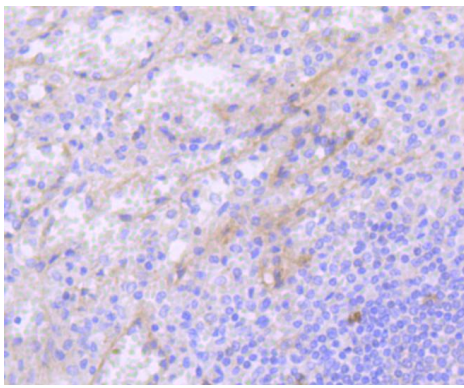
Application Details

WB: 1:1,000 IHC: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-c-Kit antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-c-Kit antibody. Counter stained with hematoxylin.

Background

The c-Kit proto-oncogene is a member of the receptor tyrosine kinase family and, more specifically, is closely related to the platelet derived growth factor receptor (PDGFR). c-Kit, the normal cellular homolog of the HZ4-feline sarcoma virus transforming gene (v-Kit), encodes a transmembrane receptor. c-Kit regulates a variety of biological responses including chemotaxis, cell proliferation, apoptosis and adhesion. c-Kit is also identical with the product of the W locus in mice and, as such, is integral to the development of mast cells and hematopoiesis. The ligand for the c-Kit receptor (KL) has been identified and is encoded at the murine steel (Sl) locus. Kit is the human homolog of the proto-oncogene c-Kit. Mutations in Kit are integral for tumor growth and progression in various cancers.

References

1. Chi C et al. In vitro morphology, viability and cytokine secretion of uterine telocyte-activated mouse peritoneal macrophages. J Cell Mol Med 19:2741-50 (2015).
2. Drummond CA et al. Reduction of Na/K-ATPase affects cardiac remodeling and increases c-kit cell abundance in partial nephrectomized mice. Am J Physiol Heart Circ Physiol 306:H1631-43 (2014).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.