

Datasheet for ABIN2464038
anti-KIT antibody (truncated)



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2 Images

Overview

Quantity:	0.1 mL
Target:	KIT
Binding Specificity:	truncated
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KIT antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Ni-NTA purified truncated recombinant C-kit expressed in E. Coli strain BL21 (DE3).
Clone:	8D7B4-8D7D4-7H6B2-7H6B12
Isotype:	IgG1
Purification:	Antibody is purified by protein A affinity chromatography.

Target Details

Target:	KIT
Alternative Name:	CKit (KIT Products)
Background:	C-kit (CD117,145 kDa) functions as a tyrosine kinase receptor which becomes activated upon binding of its ligand SCF (stem-cell factor), the C-kit gene encodes the human homolog of the

Target Details

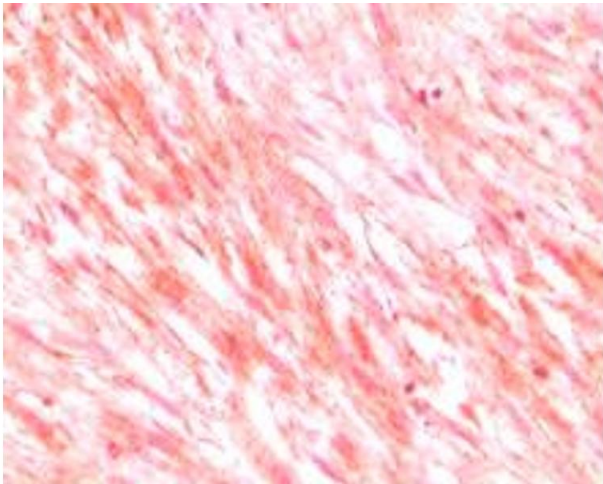
	proto-oncogene c-kit. which was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. KIT is a type 3 transmembrane receptor for MGF (mast cell growth factor). Mutations in KIT are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous leukemia, and piebaldism.
Gene ID:	3815
UniProt:	P10721
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Sensory Perception of Sound , Stem Cell Maintenance , Production of Molecular Mediator of Immune Response , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Dilution ELISA:Propose dilution 1:10,000 Determining optimal working dilutions by titration test.
Restrictions:	For Research Use only

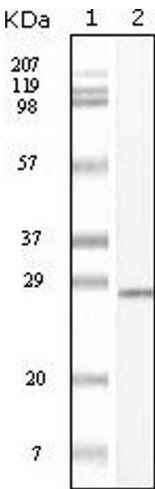
Handling

Format:	Liquid
Handling Advice:	As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Storage:	-20 °C
Storage Comment:	C-Kit monoclonal antibody can be stored at -20 °C, stable for one year.



Immunohistochemistry

Image 1.



Western Blotting

Image 2.