

c-Kit Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0241
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human c-Kit expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Mast,stem cell growth factor receptor
Synonyms	KIT; SCFR; Mast; stem cell growth factor receptor Kit; SCFR; Piebald trait protein; PBT; Proto-oncogene c-Kit; Tyrosine-protein kinase Kit; p145 c-kit; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog; CD antigen CD117

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene 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. This protein 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. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

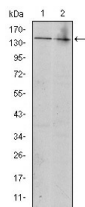
ELISA: 1:10000

IHC: 1:200 - 1:1000

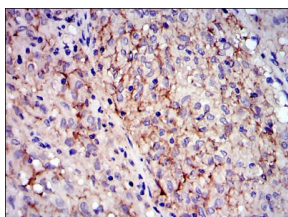
WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using c-Kit Monoclonal antibody against Jurkat (1) and HeLa (2) cell lysate.



Immunohistochemistry analysis of paraffin-embedded malignant stromal tumors tissues with DAB staining using c-Kit Monoclonal antibody.

Storage

-20°C for one year

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