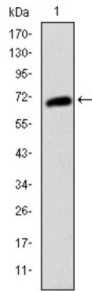
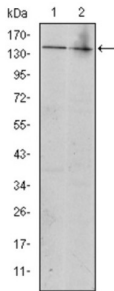


Mast/Stem Cell Growth Factor Receptor Kit (KIT) Antibody

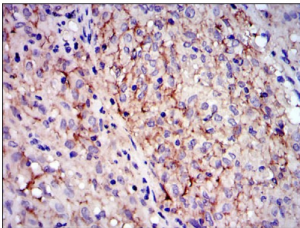
Catalogue No.: abx011070



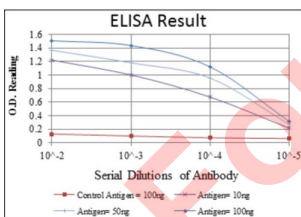
Western blot analysis using KIT antibody against human KIT (AA: 805-976) recombinant protein. (Expected MW is 45 kDa).



Western blot analysis using KIT antibody against Jurkat (1) and HeLa (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded gastrointestinal stromal tumor using KIT antibody with DAB staining.



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

KIT 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. KIT is a type 3 transmembrane receptor for MGF (mast cell growth factor, also known as stem cell factor). Mutations in KIT are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous leukemia, and piebaldism.

Target: Mast/Stem Cell Growth Factor Receptor Kit (KIT)

Clonality: Monoclonal

Datasheet

Version: 2.0.0
Revision date: 02 Apr 2025



Reactivity:	Human
Tested Applications:	ELISA, WB, IHC
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human KIT expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P10721 (UniProt , ExPASy)
Gene Symbol:	KIT
GeneID:	3815
OMIM:	154800
HGNC:	6342
Ensembl:	ENSG00000157404
Enzyme Commission Number:	EC 2.7.10.1
Molecular Weight:	145 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.