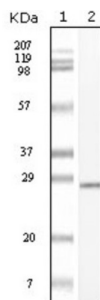
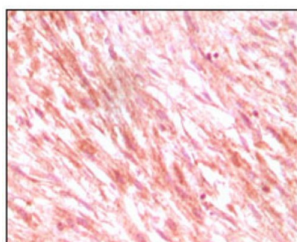


Mast/stem Cell Growth Factor Receptor Kit (C-Kit) Antibody

Catalogue No.: abx010475



Western blot analysis using C-kit antibody against truncated C-kit recombinant protein.



Immunohistochemical analysis of paraffin-embedded malignant mesenchymoma tissues, showing cytoplasmic localization using C-kit antibody with DAB staining.

C-kit (CD117, 145kDa) 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 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.

Target: Mast/stem Cell Growth Factor Receptor Kit (C-Kit)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, IHC

Host: Mouse

Recommended dilutions: ELISA: 1/10000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of C-kit expressed in E. coli.

Isotype: IgG₁

Datasheet

Version: 3.0.0

Revision date: 12 Mar 2025



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
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.