

KIT (pY553) Antibody

Catalogue No.: abx032206



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.

Target: KIT (pY553)

Clonality: Polyclonal

Target Modification: Tyr553

Modification: Phosphorylation

Reactivity: Human

Tested Applications: ELISA, DB

Host: Rabbit

Recommended dilutions: DB: 1/500. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y553 of human KIT.

Isotype: IgG

Form: Liquid

Purification: Purified through a protein A column, followed by two-step phosphospecific peptide affinity purification.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 2.0.0

Revision date: 09 Oct 2025



UniProt Primary AC: P10721 ([UniProt](#), [ExPASy](#))

Molecular Weight: Calculated MW: 110 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Mouse, Cow and Pig KIT.

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