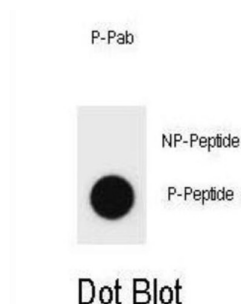


## KIT (pY730) Antibody

Catalogue No.: abx032175



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 (pY730)

**Clonality:** Polyclonal

**Target Modification:** Tyr730

**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 Y730 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: 15 Jul 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 Cow and Pig KIT.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only