

## Product Datasheet

# c-Kit Antibody



Catalog No: CY5359

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC

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### Information

**UniProt ID:** P10721

**All Names:** CD117; EC 2.7.10.1; Mast/stem cell growth factor receptor precursor; SCFR; SL; c-kit; kinase Kit; C Kit; SCF Receptor;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 145 kDa

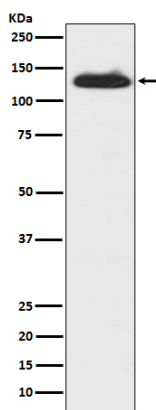
### Application

WB: 1:500~1:2000

IHC: 1:50~1:200

### Background

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.



Western blot analysis of c-Kit expression in Human fetal lung tissue lysate.

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