

# Anti-c-kit Antibody

## 0108-4



<b>Product Type:</b>	Rabbit polyclonal IgG, primary antibodies
<b>Species reactivity:</b>	Human
<b>Applications:</b>	WB, IF-Cell
<b>Molecular Wt:</b>	Predicted band size: 110 kDa

**Description:** CD117 Antigen, also called KIT or C-kit receptor, is a cytokine receptor expressed on the surface of hematopoietic stem cells as well as other cell types. It has a tyrosine-protein kinase activity. Binding of the ligands leads to the autophosphorylation of KIT and its association with substrates such as phosphatidylinositol 3-kinase (Pi3K). Mutations in this gene are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous leukemia, and piebaldism.

**Immunogen:** Synthetic peptide within Human c-kit aa 109-150.

**Positive control:** Jurkat

**Subcellular location:** Cytoplasm, membrane

**Database links:** SwissProt: P10721 Human

**Recommended Dilutions:**

<b>WB</b>	1:500
<b>IF-Cell</b>	1:100

**Storage Buffer:** 1\*PBS (pH7.4), 0.2% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

**Storage Instruction:** Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

**Purity:** Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

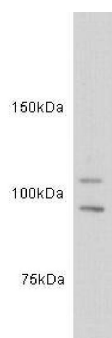
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Technical:0086-571-89986345

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## Images



**Fig1:** Western blot analysis on jurkat cell lysates using anti-c-kit polyclonal antibody

**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

## Background References

1. Yarden, Y., et al. (1987) EMBO (Eur. Mol. Biot. Organ.) J. 6:3341-3351.
2. Qiu, F. H., et al. (1988) EMBO (Eur. Mol. Biot. Organ.) J. 7:1003-1011.
3. Besmer, et al. 1986. Nature (Lond.). 320:415-421.
4. Zsebo, K. M., et al. (1990) Cell. 63:195-201.
5. Spritz RA, Giebel LB, Holmes SA. (1992) Am J Hum Genet. Feb;5 (2):261-9.

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