

Anti-c-kit Antibody

0108-4



Product Type:	Rabbit polyclonal IgG, primary antibodies
Species reactivity:	Human
Applications:	WB, IF-Cell
Molecular Wt:	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:

WB	1:500
IF-Cell	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.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Images

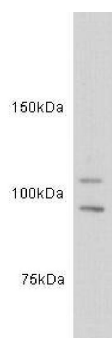


Fig1: Western blot analysis on jurkat cell lysates using anti-c-kit polyclonal antibody

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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