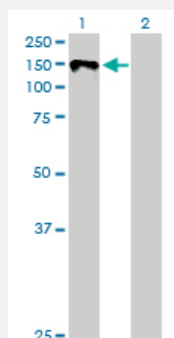


MaxPab®

## KIT purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003815-D01P      Size 100 ug

### Applications

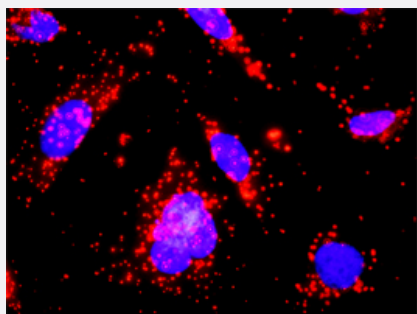


#### Western Blot (Transfected lysate)

Western Blot analysis of KIT expression in transfected 293T cell line ([H00003815-T01](#)) by KIT MaxPab polyclonal antibody.

Lane 1: KIT transfected lysate(109.90 KDa).

Lane 2: Non-transfected lysate.



#### In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between KIT and CSF2RA. HeLa cells were stained with anti-KIT rabbit purified polyclonal 1:1200 and anti-CSF2RA mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

### Specification

**Product Description** Rabbit polyclonal antibody raised against a full-length human KIT protein.

**Immunogen** KIT (AAH71593.1, 1 a.a. ~ 976 a.a) full-length human protein.

<b>Sequence</b>	MRGARGAWDFLCVLLLLLRVQTGSSQPSVSPGEPSPPSIHPGKSDLIVRVGDEIRLLCTDPGFVK WTFEILDETENKQNEWITEKAEATNTGKYCTNKHGLSNSIYVVRDPAKFLVDRSLYGKEDND TLVRCPLTDPEVTNYSKGCQKPLPKDLRFIPDPKAGIMIKSVKRAYHRLCLHCSVDQEGKSVLS EKFILKVRPAFKAVPVVSVKASYLLREGEEFTVTCTIKDVSSSVYSTWKRENSQTKLQEKYNSW HHGDFNYERQATLTISSARVNDSGVFMCYANNTFGSANVTTTLEVVDKGFNIFPMINTTVFVNDGE NVDLIVEYEAFFKPEHQQWYMNRTFTDKWEDYPKSENESENIRYVSELHLTRLKGTGGTYTFLVS NSDVNAIAFNVVNTKPEILTYDRLVNGMLQCVAAGFPEPTIDWYFCPGTEQRCSASVLPVDVQ TLNSSGPPFGKLVVQSSIDSSAFKHNGTVECKAYNDVGKTSAYFNFAFKGNKEQIHPHTLFTPLL IGFVIVAGMMCIVMILTYKYLQKPMYEVQWKVVEEINGNNYVYDPTQLPYDHKWEFPRNRLSFGKT LGAGAFGKVVVEATAYGLIKSDAAMTVAVKMLKPSAHL TEREALMSELKVLSYLGNHMNVNLLGA CTIGGPTLVITEYCCYGDLLNFLRRKRDSFICSKQEDHAAEAALYKNLLHSSKESSCSDSTNEYMDMK PGVSYVPTKADKRRSVRIGSYIERDVT PAIMEDDELADLEDLLSFSYQVAKGMAFLASKNCIHRD LAARNILLTHGRITKICDFGLARDIKNDSNYVVKGNARLPVKWMAHESIFNCVYTFESDVWSYGIFL WELFSLGSSPYGMPVDSKFYKMIKEGFRMLSPEHAPAEMYDIMKTCWDADPLKRPTFKQVQLI EKQISESTNHYSNLANCSPNRQKPVVDHSVRINSVGSTASSSQPLLHDDV
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

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## Gene Info — KIT

**Entrez GeneID** [3815](#)

**GeneBank Accession#** [BC071593](#)

<b>Protein Accession#</b>	<a href="#">AAH71593.1</a>
<b>Gene Name</b>	KIT
<b>Gene Alias</b>	C-Kit, CD117, PBT, SCFR
<b>Gene Description</b>	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
<b>Omim ID</b>	<a href="#">164920</a> <a href="#">172800</a> <a href="#">273300</a> <a href="#">601626</a> <a href="#">606764</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	<p>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. [provided by RefSeq]</p>
<b>Other Designations</b>	mast/stem cell growth factor receptor proto-oncogene tyrosine-protein kinase Kit soluble KIT variant 1

## Pathway

- [Acute myeloid leukemia](#)
- [Cytokine-cytokine receptor interaction](#)
- [Endocytosis](#)
- [Hematopoietic cell lineage](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)

## Disease

- [Acute Disease](#)
- [Aneuploidy](#)
- [Azoospermia](#)
- [Chronic Disease](#)
- [Constipation](#)

- [Disease Progression](#)
- [Gastrointestinal Stromal Tumors](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Neoplasms](#)
- [Hyperpigmentation](#)
- [Infertility](#)
- [Leukemia](#)
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