

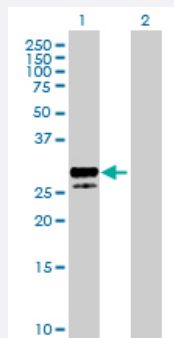
MaxPab®

KITLG purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004254-D01P

Size 100 ug

Applications

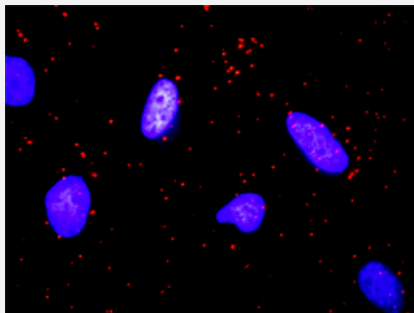


Western Blot (Transfected lysate)

Western Blot analysis of KITLG expression in transfected 293T cell line ([H00004254-T01](#)) by KITLG MaxPab polyclonal antibody.

Lane 1: KITLG transfected lysate(27.90 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between KITLG and FLT3LG. HeLa cells were stained with anti-KITLG rabbit purified polyclonal 1:1200 and anti-FLT3LG 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 KITLG protein.

Immunogen

KITLG (NP_003985.2, 1 a.a. ~ 245 a.a) full-length human protein.

Sequence

MKKTQTWILTCMLQLLLFNPLVKTEGICRNRVTNNVKDVTCLVANLPKDYMITLKYPGMDVLPSH
CWISEMNVQLSDSLTDLLDKFSNISEGLSNYSIIDKLVNVDLVECVKENS SKDLKKSFKSPEPRL
FTPEEFFRIFNRSIDAFKDFVVASETSDCVVSSTLSPEKKGAKNPPGDSSLHWAAMALPALFSLII
GFAFGALYWKKRQPSLTRA VENIQINEEDNEISMLQEKEREFQEV

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence	Mouse (72); Rat (72)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- In situ* Proximity Ligation Assay (Cell)

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Gene Info — KITLG

Entrez GeneID	4254
GeneBank Accession#	NM_003994
Protein Accession#	NP_003985.2
Gene Name	KITLG
Gene Alias	DKFZp686F2250, KL-1, Kitl, MGF, SCF, SF, SHEP7
Gene Description	KIT ligand
Omim ID	184745
Gene Ontology	Hyperlink

Gene Summary

This gene encodes the ligand of the tyrosine-kinase receptor encoded by the KIT locus. This ligand is a pleiotropic factor that acts in utero in germ cell and neural cell development, and hematopoiesis, all believed to reflect a role in cell migration. In adults, it functions pleiotropically, while mostly noted for its continued requirement in hematopoiesis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

mast cell growth factor|steel factor|stem cell factor

Pathway

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

Disease

- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Neoplasms](#)
- [Testicular Neoplasms](#)
- [Vitiligo](#)