

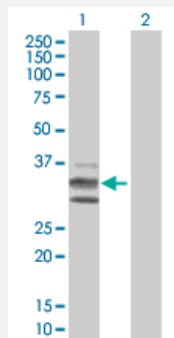
MaxPab®

KITLG MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004254-B01P

Size 50 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(26.95 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human KITLG protein.
Immunogen	KITLG (NP_003985, 1 a.a. ~ 245 a.a) full-length human protein.
Sequence	MKKTQTWILTCMYLQLLLFNPLVKTEGICRNRVTNNVKDVTCLVANLPKDYMITLKYPGMDVLPSC CWISEMVVQLSDSLTDLLDKFSNISEGLSNYSIIDKLVNIVDDLVECVKENS SKDLKKSFKSPEPRL FTPEEFFRIFNRSIDAFKDFVVASETSDCVVSSLSPEKKGAKNPPGDSSLHWAAMALPALFSLII GFAFGALYWKKRQPSLTRA VENIQINEEDNEISMLQEKEREFQEV
Host	Mouse
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.

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[Protocol Download](#)

Gene Info — KITLG

Entrez GeneID [4254](#)

GeneBank Accession# [NM_003994](#)

Protein Accession# [NP_003985](#)

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](#)