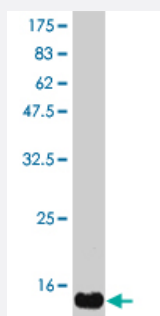


KITLG monoclonal antibody (M09), clone 2B1

Catalog # H00004254-M09

Size 100 ug

Applications



Western Blot detection against Immunogen (24.88 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant KITLG.
Immunogen	KITLG (NP_003985, 26 a.a. ~ 245 a.a) partial recombinant protein.
Sequence	EGICRNRVTNNVKDVTCLVANLPKDYMITLKYPGMDVLP SHCWISEMVVQLSDSLTDLLDKFSNI SEGLSNYSIIDKLNVNDDLVECVKENSSKDLKKSFKSPEPRLFTPEEFFRIFNRSIDAFKDFVVAS ETSDCVVSSTLSPEKGKAKNPPGDSSLHWAAMALPALFSLIIGFAFGALYWKKRQPSLTRAveni QINEEDNEISMLQEKEREFQEV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (72%); Rat (71%)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (24.88 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

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](#)