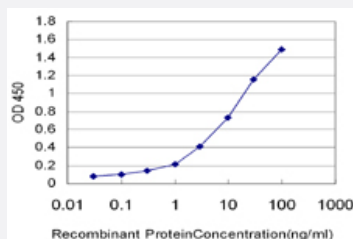


KITLG monoclonal antibody (M01), clone 3E10

Catalog # H00004254-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KITLG is approximately 0.1ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant KITLG.
Immunogen	KITLG (NP_000890, 26 a.a. ~ 135 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EGICRNRVTNNVKDVTCLVANLPKDYMITLKYVPGMDVLP SHCWISEM VVQLSDSLTDLLDKFSNI SEGLSNYSIIDKLVNIVDDLVECVKENSSKDLKKSFKSPEPRLF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (75); Rat (74)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KITLG is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — KITLG

Entrez GeneID	4254
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GeneBank Accession#	NM_000899
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Protein Accession#	NP_000890
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Gene Name	KITLG
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Gene Alias	DKFZp686F2250, KL-1, Kitl, MGF, SCF, SF, SHEP7
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Gene Description	KIT ligand
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Omim ID	184745
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Gene Ontology	Hyperlink
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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]
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Other Designations	mast cell growth factor steel factor stem cell factor
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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](#)