KITLG Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	KITLG, Monoclonal Antibody
Full Product Name	KITLG (KIT Ligand, DKFZp686F2250, KL-1, Kitl, MGF, SCF, SF, SHEP7) (PE)
Product Gene Name	anti-KITLG antibody
Product Synonym Names	KIT Ligand; DKFZp686F2250; KL-1; Kitl; MGF; SCF; SF; SHEP7
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2H8
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified
Specificity	Recognizes KITLG.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo original vial prior to removing the cap.
OMIM	145250
3D Structure	ModBase 3D Structure for P21583
Immunogen	KITLG (NP_003985, 26aa-245aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	EGICRNRVTNNVKDVTKLVANLPKDYMITLKYVPGMDVLPSHCWISEMVVQLSDSLTDLLDKFSNISEGLSNYSIIDKLVNIVDDLVECVKENSSKDLKKSFK
Conjugate	PE
Product Categories/Family for anti-KITLG antibody	Antibodies; Growth Factors; Cytokines
Applications Tested/Suitable for anti-KITLG antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-KITLG antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-KITLG antibody	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 requirement in hematopoiesis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Notes	Small volumes of anti-KITLG antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess may apply.

Searchable Terms for KITLG purchase	MBS6185211 is an antibody targeting KITLG. Also known as KITLG (KIT Ligand, DKFZp686F2250, KL-1, Kitl, MGF, SCF, SF, SHEP7) (PE). Host: Mo

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KITLG. It may not necessarily be applicable to this product.

NCBI GI #	4580420
NCBI GeneID	4254
NCBI Accession #	NP_003985
UniProt Primary Accession #	P21583
UniProt Related Accession #	P21583
GenBank Nucleotide #	NP_003985.2
NCBI Official Full Name	kit ligand isoform a
NCBI Official Synonym Full Names	KIT ligand
NCBI Official Symbol	KITLG
NCBI Official Synonym Symbols	SF; MGF; SCF; SLF; DCUA; FPH2; FPHH; KL-1; Kitl; SHEP7; DFNA69
UniProt Protein Name	Kit ligand
UniProt Synonym Protein Names	Mast cell growth factor; MGF; Stem cell factor; SCF; c-Kit ligand
Protein Family	Kit ligand
UniProt Gene Name	KITLG
UniProt Synonym Gene Names	MGF; SCF; MGF; SCF; sKITLG
UniProt Entry Name	SCF_HUMAN
NCBI Protein Information	kit ligand
Research Articles on KITLG	**1.** The single nucleotide polymorphisms rs995030 and rs4474514 of the KITLG gene were not significantly correlated with male infertility
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Online datasheet: https://www.mybiosource.com/monoclonal-antibody/kitlg/6185211