

Rabbit SCF (KITLG) Polyclonal Antibody | anti-KITLG antibody

SCF (KITLG) Antibody (C-term)

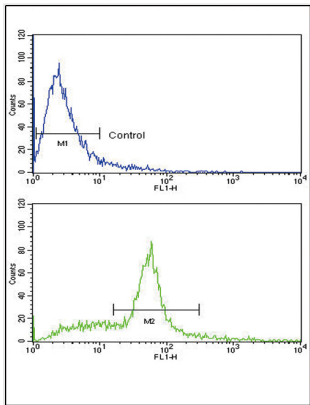
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284746	Rabbit	Human (Predicted Reactivity: Bovine, Pig)	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

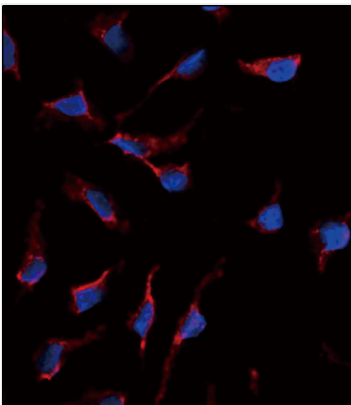
SCF (KITLG); Polyclonal Antibody; SCF (KITLG) Antibody (C-term); Kit ligand; Mast cell growth factor; MGF; Stem cell factor; SCF; c-Kit ligand; Soluble KIT ligand; sKITLG; KITLG; anti-KITLG antibody

PRODUCT SPECIFICATIONS

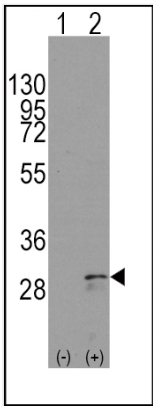
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SCF (KITLG) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 244-273 amino acids from the C-terminal region of human SCF (KITLG).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	244-273
Sequence Length	238
Applicable Applications for anti-KITLG antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



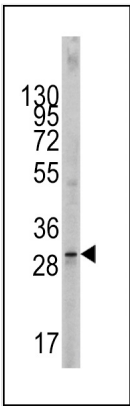
FCM/FACS (Flow Cytometry)
Flow cytometric analysis of WiDr cells using SCF (KITLG) Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)
Immunofluorescence analysis of anti-KITLG Antibody (C-term) in HeLa cells. 0.025 mg/ml primary antibody was followed by Alexa-Fluor-546-conjugated donkey anti-rabbit IgG (H+L). Alexa-Fluor-546 emits orange fluorescence. Blue counterstaining is DAPI.



WB (Western Blot)
Western blot analysis of KITLG (arrow) using rabbit polyclonal KITLG Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the KITLG gene (Lane 2) (Origene Technologies).



WB (Western Blot)
Western blot analysis of KITLG Antibody (C-term) in 293 cell line lysates (35ug/lane). KITLG (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KITLG antibody	KITLG is 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.
Product Categories/Family for anti-KITLG antibody	Developmental Biology; Metabolism
References	Young,S.M., Cell. Signal. 19 (12), 2572-2581 (2007) Pick,M., Stem Cells 25 (9), 2206-2214 (2007) Yasuda,A., Dig. Dis. Sci. 52 (9), 2292-2300 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505175
NCBI GeneID	4254
NCBI Accession #	NP_000890.1; NP_003985.2
NCBI GenBank Nucleotide #	NM_000899.4
UniProt Accession #	P21583; Q16487; Q68DZ2; Q7M4N8; Q9UQK7; A0AV09; A8K2Q4; B7ZLM4

Molecular Weight	30899
NCBI Official Full Name	kit ligand isoform b
NCBI Official Synonym Full Names	KIT ligand
NCBI Official Symbol	KITLG
NCBI Official Synonym Symbols	SF; MGF; SCF; FPH2; FPHH; KL-1; Kitl; SHEP7
NCBI Protein Information	kit ligand
UniProt Protein Name	Kit ligand
UniProt Gene Name	KITLG
UniProt Synonym Gene Names	MGF; SCF; MGF; SCF; sKITLG
UniProt Entry Name	SCF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/scf-kitlg-antibody-flow-cytometry-immunofluorescence-western-blot-elisa/284746>