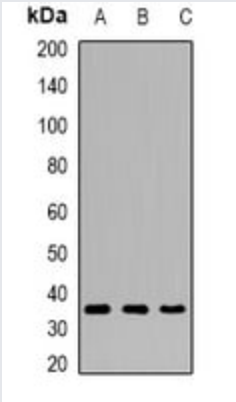
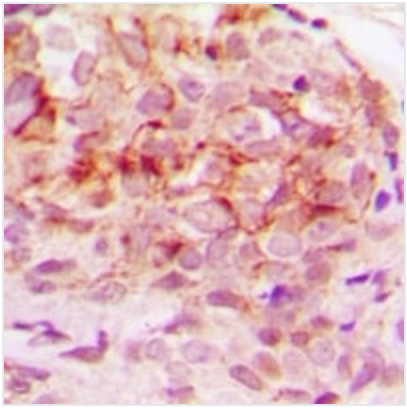
SCF Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SCF, Polyclonal Antibody
Full Product Name	Rabbit anti-SCF Antibody
Product Gene Name	anti-SCF antibody
Product Synonym Names	MGF; SCF; Kit ligand; Mast cell growth factor; MGF; Stem cell factor; SCF; c-Kit ligand
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	273
Chromosome Location	Chromosome: 12; NC_000012.11 (88886570..88974250, complement). Location: 12q22
OMIM	145250
3D Structure	ModBase 3D Structure for P21583
Immunogen	Recombinant full length protein of human SCF
Product Categories/Family for anti-SCF antibody	Primary antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-SCF antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-SCF antibody	WB: 1:500-1:2000 IHC: 1:50-1:100
Related Product Information for anti-SCF antibody	MBS4505326 is an antibody targeting SCF. Also known as Rabbit anti-SCF Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-SCF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-SCF antibody
Western blot analysis of SCF expression in HT29 (A), HepG2 (B), Raji (C) whole cell lysates.



Immunohistochemistry (IHC) of anti-SCF antibody
Immunohistochemical analysis of SCF staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL DETAILS

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

NCBI GI #	4505175
NCBI GeneID	4254
NCBI Accession #	NP_000890.1
UniProt Primary Accession #	P21583
UniProt Secondary Accession #	Q16487; Q68DZ2; Q7M4N8; Q9UQK7; A0AV09; A8K2Q4; B7ZLM4
UniProt Related Accession #	P21583
GenBank Nucleotide #	NM_000899.4
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; KL-1; Kitl; SHEP7
UniProt Protein Name	Kit ligand
UniProt Synonym Protein Names	Mast cell growth factor; MGF; Stem cell factor; SCF; c-Kit ligand
Protein Family	SCF-associated factor
UniProt Gene Name	KITLG
UniProt Synonym Gene Names	MGF; SCF; MGF; SCF; sKITLG
UniProt Entry Name	SCF_HUMAN
NCBI Protein Information	kit ligand; c-Kit ligand; steel factor; stem cell factor; mast cell growth factor; familial progressive hyperpigmentation 2
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