antibodies - online.com







anti-KIT Ligand antibody



Images



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Quantity:	100 μg
Target:	KIT Ligand (KITLG)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIT Ligand antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)
Product Details	
Immunogen:	E.coli derived recombinant Human SCF.
	Type of Immunogen: Cell extract
Specificity:	Human SCF
Purification:	Immunoaffinity purified
Target Details	
Target:	KIT Ligand (KITLG)
Alternative Name:	KITLG / SCF (KITLG Products)
Background:	Name/Gene ID: KITLG
	Synonyms: KITLG, C-Kit ligand, KIT ligand, Kitl, KL-1, SHEP7, SF, Steel factor, Stem cell factor,

Target Details

	SCF, FPH2, Mast cell growth factor, MGF
Gene ID:	4254
UniProt:	P21583
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway

Application Details

Application Notes:

Approved: ELISA (0.5 - 2 μ g/mL), Neut (8 - 12 μ g/mL), WB

Usage: Immunohistochemistry: This antibody stained formalin-fixed paraffin-embedded sections of human pancreas adenocarcinoma tissue. The recommended concentration is $0.5\,\mu$ g/mL-1 µg/mL with an overnight incubation at 4 °C. An HRP-labeled polymer detection system was used with an alcohol-soluble AEC chromogen. Optimal results for these conditions were achieved with enzyme induced antigen retrieval (proteinase K) at room temperature. Optimal concentrations and conditions may vary. *Additional Immunostaining data available. Please contact Tech Support for information. Neutralization: To yield one-half maximal inhibition [ND] of the biological activity of hSCF (10.00 ng/mL), a concentration of 0.64-0.96 µg/mL of this antibody is required. ELISA: To detect hSCF by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5-2 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human SCF (LS-C104672) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hSCF. Western Blot: To detect hSCF by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µ g/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hSCF is 1.5-3 ng/lane, under either reducing or non-reducing conditions.

Comment:

Target Species of Antibody: Human

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Sterile water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2

Handling

Handling Advice:	Avoid freeze/thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Store Lyophilized at room temperature up to 1 month Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage.
	Avoid freeze/thaw cycles.

Images

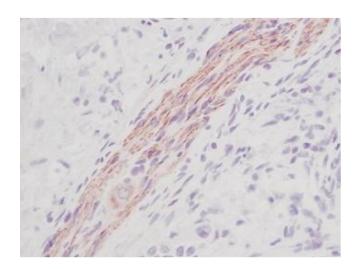


Image 1.

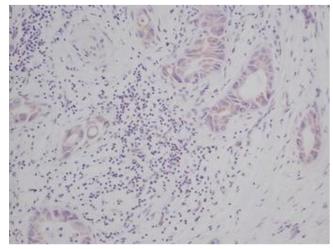


Image 2.

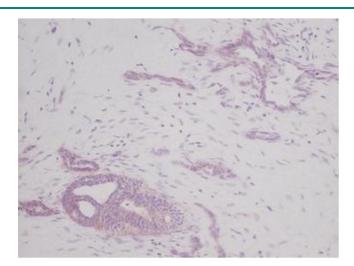


Image 3.

Please check the product details page for more images. Overall 6 images are available for ABIN465573.