

Product Datasheet

CD117/c-kit Antibody NBP1-19865

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-19865

CD117/c-kit Antibody

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (approx. pH 7.2)
Target Molecular Weight	120 kDa
Product Description	
Host	Rabbit
Gene ID	3815
Gene Symbol	KIT
Species	Human, Mouse, Rat
Marker	Hematopoietic Stem Cell Marker
Immunogen	Synthetic peptide, corresponding to amino acids 681-730 of Human c-Kit.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Western blot (WB) analyzes of c-Kit (S715)pAb in extracts from A549 cells. Immunohistochemistry was reported in scientific literature. Use in Immunohistochemistry-paraffin and in vitro assay reported in scientific literature (PMID 24655344)

Publications

Li Liping, Lin Miao, Li Long et al. Renal telocytes contribute to the repair of ischemically injured renal tubules. *J Cell Mol Med.* 2014-04-24 [PMID: 24758589]

Zhao Baoyin, Liao Zhaofu, Chen Shang et al. Intramyocardial transplantation of cardiac telocytes decreases myocardial infarction and improves post-infarcted cardiac function in rats. *J Cell Mol Med.* 2014-03-21 [PMID: 24655344] (ICC/IF, Rat)

Xiao S Shen X Zheng X et al. Based on c-Kit+ microscopic morphological markers and streaming Sorting isolating cardiac Telocytes China Biotechnology. 2015-01-07 (ICC/IF, Rat)

Zhang L, Tang J, Haines CJ et al. c-kit expression profile and regulatory factors during spermatogonial stem cell differentiation. *BMC Dev Biol.* 2013-10-27 [PMID: 24161026] (WB, ICC/IF, Human)

Zhao B, Chen S, Liu J et al. Cardiac telocytes were decreased during myocardial infarction and their therapeutic effects for ischaemic heart in rat *J Cell Mol Med* 2012-12-04 [PMID: 23205601] (ICC/IF, IF/IHC, Rat)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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