

Product Datasheet

CD117/c-kit Antibody NB120-956

Unit Size: 0.5 ml

Store at 4C.

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NB120-956

CD117/c-kit Antibody

Product Information	
Unit Size	0.5 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	EDTA, pH 8.0, containing less than 0.1% sodium azide

Product Description	
Host	Rabbit
Gene ID	3815
Gene Symbol	KIT
Species	Human
Reactivity Notes	Not yet tested in other species.
Marker	Hematopoietic Stem Cell Marker
Specificity/Sensitivity	This antibody reacts with a 145 kDa protein. c-kits are transmembrane receptor tyrosine kinases expressed in many tissues and cells and are involved in the development of several lineages of stem cells such as germ cells, neural crest derived melanocytes, and hematopoietic precursor cells.
Immunogen	A synthetic peptide from C-terminus of human CD117/c-kit protein.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	IHC:For an ABC system, dilute 1:50-100 and incubate for 30-60 minutes at RT. For formalin fixed paraffin embedded sections, perform heat mediated antigen retrieval before commencing with IHC.

Publications

Park E, Yang S, Emley A et al. Lack of correlation between immunohistochemical expression of CKIT and KIT mutations in atypical acral nevi. Am J Dermatopathol 2012-02-01 [PMID: 22094233] (Human)

Miller DD, Emley A, Yang S et al. Mixed versus pure variants of desmoplastic melanoma: a genetic and immunohistochemical appraisal. Mod Pathol;25(4):505-15. 2012-04-01 [PMID: 22157936] (IF/IHC, Human)





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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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