

Product Datasheet

CD117/c-kit Antibody (C117/370 + KIT/982 + KIT/983) - Azide and BSA Free NBP2-47845-0.1mg

Unit Size: 0.1 mg

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

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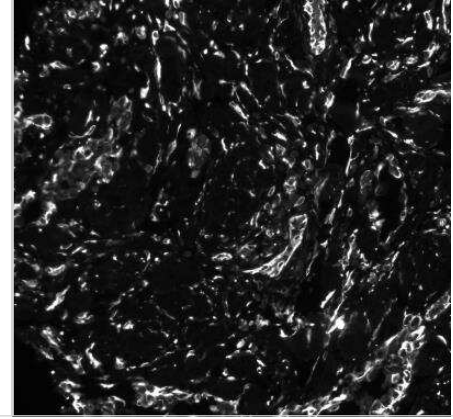
NBP2-47845-0.1mg

CD117/c-kit Antibody (C117/370 + KIT/982 + KIT/983) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	C117/370 + KIT/982 + KIT/983
Preservative	No Preservative
Isotype	IgG1 Kappa/IgG1 Kappa/IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Product Description	
Host	Mouse
Gene ID	3815
Gene Symbol	KIT
Species	Human
Marker	Marker for Gastrointestinal Stromal Tumors
Specificity/Sensitivity	This MAb recognizes a protein of 145kDa, identified as CD117/p145kit. It is found on a wide variety of tumor cells including follicular and papillary carcinoma of thyroid, adenocarcinomas from endometrium, lung, ovary, pancreas, and breast as well as malignant melanoma, endodermal sinus tumor, and small cell carcinoma. However, anti-CD117 has been particularly useful in differentiating gastrointestinal stromal tumors from Kaposi's sarcoma, tumors of smooth muscle origin, fibromatosis, and neural tumors of the GI tract. Anti-CD117 is also useful in recognizing myeloblasts in bone marrow biopsy and clot section.
Immunogen	Recombinant human CD117 proteins
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml, Immunofluorescence 0.5 - 1.0 ug/ml, CyTOF-ready
Application Notes	Hu-chromosome location: 4q12 Molecular weight of antigen: ~145kDa Immunohistochemistry-Paraffin 0.5 - 1 ug/ml for 30 minutes at RT; Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10 - 20 min followed by cooling at RT for 20 minutes.

Images

Immunohistochemistry-Paraffin: CD117/c-kit Antibody (C117/370 + KIT/982 + KIT/983) - Azide and BSA Free [NBP2-47845] - Human skin angiosarcoma (FFPE tissue) stained with c-kit. pH 9 HIER antigen retrieval. Image from verified customer review.





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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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