

Product Datasheet

CD117/c-kit Antibody (KIT/983)

NBP2-44762-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-44762-0.1mg

CD117/c-kit Antibody (KIT/983)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	KIT/983
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	145 kDa

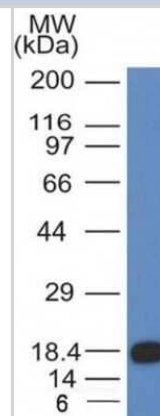
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-11476) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	3815
Gene Symbol	KIT
Species	Human
Marker	Marker for Gastrointestinal Stromal Tumors
Specificity/Sensitivity	This monoclonal antibody 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 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 fragment (around aa100-300) of human CD117/c-kit protein (exact sequence is proprietary) (Uniprot: P10721)

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 2-4 ug/ml
Application Notes	Optimal dilution for a specific application should be determined.



Images

Western Blot: CD117/c-kit Antibody (KIT/983) [NBP2-44762] - Western Blot analysis of recombinant fragment of CD117 using CD117/c-kit Antibody (KIT/983).



Publications

Reddy PH, Manczak M, Yin X, Reddy AP. Synergistic Protective Effects of Mitochondrial Division Inhibitor 1 and Mitochondria-Targeted Small Peptide SS31 in Alzheimer's Disease. *J. Alzheimers Dis.* 2018-01-30 [PMID: 29400667] (Human)



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Products Related to NBP2-44762-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-34487PEP	CD117/c-kit Recombinant Protein Antigen

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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