

Product Datasheet

Heartworm Antibody (HW1-39) [Janelia Fluor® 646] NB100-63168JF646

Unit Size: 0.125 ml

Store at 4C in the dark.

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NB100-63168JF646

Heartworm Antibody (HW1-39) [Janelia Fluor® 646]

Product Information	
Unit Size	0.125 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	HW1-39
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Janelia Fluor 646
Purity	Protein A purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Species	Invertebrate
Reactivity Notes	0
Specificity/Sensitivity	NB100-63168 recognizes both male and female ether extracted parasite antigen of canine heartworm. Canine heartworm infection, caused by the filarial nematode <i>Dirofilaria immitis</i> , is an insidious and potentially fatal condition transmitted by mosquitoes, which primarily affects the heart and lungs of dogs, but may also affect other species including cats, foxes, sea-lions, ferrets and humans. Canine heartworm disease, resulting ultimately in damage to the pulmonary vasculature system, is largely attributed to the immunological response of the host to the presence of the adult parasites, and in many cases their microscopic offspring (microfilaria) which circulate in the bloodstream, but growing evidence suggests the involvement of further factors/mediators.
Immunogen	Made to Invertebrates HEARTWORM
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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NBP1-97005JF646	Mouse IgG1 Isotype Control (MG1) [Janelia Fluor 646]
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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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