

# Product Datasheet

## Heartworm Antibody (HW1-39) [Alexa Fluor® 647] NB100-63168AF647

Unit Size: 0.125 ml

Store at 4C in the dark.

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**NB100-63168AF647**

Heartworm Antibody (HW1-39) [Alexa Fluor® 647]

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	Alexa Fluor 647
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Species	Invertebrate
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
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Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA



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**Products Related to NB100-63168AF647**

NBP1-97005AF647

Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 647]

**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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