

AM00862PU-N**Monoclonal Antibody to Canine Heartworm - Purified**

Alternate names:	Dirofilaria immitis
Quantity:	1 mg
Concentration:	7.6 mg/ml
Background:	Canine heartworm (<i>Dirofilaria immitis</i>) is transmitted by mosquitoes. Adult nematodes reach 10 to 12 inches in length and live in the peripheral branches of the pulmonary arteries, producing large numbers of microscopic offspring (microfilaria) which circulate throughout the bloodstream. Heartworm disease is caused by the body's immunologic reaction to the presence of the adults and offspring, damaging the vasculature system of the lungs.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	115-11487
Immunogen:	R. G. Antigen
Format:	State: Liquid purified IgG fraction Purification: DEAE Chromatography Buffer System: 0.05M Phosphate, pH 7.4 containing 0.09% Sodium Azide as preservative
Applications:	Suitable for ELISA and Lateral Flow Assays . This antibody can be used with AP31392PU-N in Sandwich Immunoassay. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Canine Heartworm. Species: Canine. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.