

Product datasheet for **AM05604PU-N**

Canine Distemper Virus Mouse Monoclonal Antibody [Clone ID: 7515]

Product data:

Product Type:	Primary Antibodies
Clone Name:	7515
Applications:	ELISA
Recommended Dilution:	ELISA: 1:20 - 1:200.
Reactivity:	Canine Distemper Virus
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Envelope antigen of Canine distemper virus.
Specificity:	<p>This antibody detects Canine distemper virus (CDV), a negatively stranded RNA morbillivirus. CDV infection induces a systemic, often fatal disease in a broad and expanding host spectrum among the Carnivora.</p> <p>This antibody may be used as a capture antibody in combination with mouse anti canine distemper virus in an ELISA assay.</p>
Formulation:	<p>0.01M Phosphate buffered saline pH7.2 containing 0.09% Sodium Azide (NaN₃)</p> <p>State: Purified</p> <p>State: Liquid purified IgG</p>
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	<p>Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.</p> <p>Avoid repeated freezing and thawing.</p>
Stability:	Shelf life: one year from despatch.
Background:	CDV is highly contagious, and transmission occurs predominantly via aerosols, resulting in neuroinvasiveness and severe immunosuppression. Mortality rates during CDV outbreaks can exceed 80%.



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