

Product datasheet for **AM01110PU-N**

Canine Distemper Virus Mouse Monoclonal Antibody [Clone ID: DV2-12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	DV2-12
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA. Western Blot: the antibody recognises bands of 76kD, 68kD, 54kD and 32kD under reducing conditions. Immunohistochemistry on frozen and paraffin sections (paraffin sections require antigen retrieval using heat treatment prior to staining). Detection of CDV in immunofluorescence procedures, in which the staining seen has a cytoplasmic pattern in infected cells.
Reactivity:	Canine Distemper Virus
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	This antibody recognises canine distemper virus nucleoprotein. It is anti morbillivirus specific and reacts with porcine distemper virus, racoon distemper virus and human measles virus. The antibody does not cross react with CAV2, CCV, CPI or CPV.
Formulation:	PBS, pH 7.2 containing 0.05% Sodium Azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background:

Canine Distemper Virus is an enveloped, single stranded RNA virus of the genus Morbillivirus, family Paramyxoviridae. Canine distemper caused by the canine distemper virus (CDV) is a contagious, incurable, often fatal, multisystemic viral disease that affects the respiratory, gastrointestinal and central nervous systems.