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Product datasheet for AM09219PU-N

HIV-1 Gag Capsid protein p24 Mouse Monoclonal Antibody [Clone ID: 287]

Product data:

Product Type:	Primary Antibodies
Clone Name:	287
Applications:	ELISA
Recommended Dilution:	**ELISA.**
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified Recombinant HIV-1 P24 (Core Protein).
Specificity:	Reacts with HIV-1 P24 (core protein). No cross activity with HIV-1 GP41 and HIV-2 GP36.
Formulation:	0.01M PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore with Double distillated water to adjust the final concentration to 1.0 mg/ml.
Purification:	Affinity Chromatography on Protein G.
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	HIV1 performs highly complex orchestrated tasks during the assembly, budding, maturation and infection stages of the viral replication cycle. During viral assembly, the proteins form membrane associations and self-associations that ultimately result in budding of an immature virion from the infected cell. Gag precursors also function during viral assembly to selectively bind and package two plus strands of genomic RNA. Capsid protein p24 probably forms the conical core of the virus that encapsulates the genomic RNA-nucleocapsid complex.
Synonyms:	HIV1, HIV-I, Human immunodeficiency virus type 1