

Product datasheet for **AM26090PU-N**

HIV-1 Gag Capsid protein p24 Mouse Monoclonal Antibody [Clone ID: N17 (05-004)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	N17 (05-004)
Applications:	ELISA, WB
Recommended Dilution:	Titers with rp24 protein having subtype B aa. consensus: ELISA: 1/10000. Western blot: 1/1000.
Reactivity:	Human Immunodeficiency Virus 1
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant p24 protein of HIV-1 B-subtype consensus (purified from <i>E. coli</i>).
Specificity:	This antibody detects HIV-1 (C-term, a.a 165-231). Reacts with HIV-1 native p24 as well rp24, subtype B, C and A.
Formulation:	PBS pH 7.4 State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Upon receipt, store (in aliquots) at -20 to -70 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.



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Background:

HIV is a highly variable virus which mutates very readily. This means there are many different strains of HIV, even within the body of a single infected person. The strains of HIV1 can be classified into three groups: the "major" group M, the "outlier" group O and the "new" group N. These three groups may represent three separate introductions of simian immunodeficiency virus into humans. Group O appears to be restricted to West-Central Africa and group N, discovered in 1998 in Cameroon, is extremely rare. More than 90% of HIV1 infections belong to HIV1 group M.

Synonyms:

HIV1, HIV-I, Human immunodeficiency virus type 1

Product images:

Western Blot testing of HIV-1 p24 antibody, clone N17 (05-004). Line 1. HIV-1 Gag p17/24 (Han-2 subtype) Line 2. Protein size marker