

Product datasheet for **SM3050P**

HIV-1 Gag Capsid protein p24 Mouse Monoclonal Antibody [Clone ID: ND1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	ND1
Applications:	ELISA, IF, WB
Recommended Dilution:	ELISA. Western blot. Immunocytochemistry.
Reactivity:	Human Immunodeficiency Virus 1
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	HIV-1 p24 C-terminal peptide
Specificity:	This Monoclonal antibody <i>ND1</i> reacts with HIV-1 (Human Immunodeficiency Virus Type 1) capsid protein p24 (gp24) Specificity was verified by Western Blotting in reducing conditions with Sanofi Pasteur NEW LAV-BLOT I kit.
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE) Preservative: 15 mM Sodium Azide
Concentration:	lot specific
Purification:	Precipitation methods and Ion Exchange Chromatography
Conjugation:	Unconjugated
Storage:	Store 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:

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