

Product datasheet for **AM00896PU-N**

HIV-1 Gag Capsid protein p24 Mouse Monoclonal Antibody [Clone ID: BDI690]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BDI690
Applications:	CLIA, ELISA, LF
Recommended Dilution:	CLIA. Lateral Flow assay. ELISA. Sandwich ELISA: AM00896PU-N Can be used as Capture Antibody in combination with AM33277PU-N (Clone B1436M), with AM31518PU-N (Clone BDI499) or BM2344 (Clone 491) as Detection Antibodies. AM00896PU-N Can be used as Detection Antibody in combination with AM33277PU-N (Clone B1436M) or BM2344 (Clone 491) as Capture Antibodies.
Reactivity:	Human Immunodeficiency Virus 1
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody is specific for HIV-1 p24.
Formulation:	0.01M PBS, pH 7.2 State: Purified State: Liquid purified IgG fraction from Ascites (> 90% pure) Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°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