

AM33277PU-N**Monoclonal Antibody to HIV-1 Gag Capsid protein p24 - Purified**

Alternate names:	HIV-I, HIV1, Human immunodeficiency virus type 1
Quantity:	1 mg
Concentration:	5.13 mg/ml (OD280nm, E0.1% = 1.4)
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.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	B1436M
Format:	State: Liquid purified Ig fraction from Ascites (> 90% pure) Purification: Protein A Chromatography Buffer System: PBS (10mM Phosphate, 150mM Sodium Chloride, pH 7.4 ± 0.2) Preservatives: 0.05% Sodium Azide
Applications:	CLIA. ELISA. Western blot. Lateral Flow Assay. ELISA: This antibody (Clone B1436M) Can be used as Detection antibody in combination with Cat.-No AM00896PU-N (Clone BDI690). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is specific for HIV-1 p24.
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.