

BM3242**Monoclonal Antibody to Human Immunodeficiency Virus 1 gp41
- Purified**

Alternate names:	HIV-I, HIV1, Human immunodeficiency virus type 1
Quantity:	1 mg
Concentration:	100 µg/ml (OD280 nm, E0.1% = 1.3)
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 / IgG2
Clone:	191
Format:	State: Liquid purified Ig fraction (>90% pure) Purification: Protein A chromatography Buffer System: 0.01 M PBS, pH 7.2 containing 0.09% sodium azide as preservative
Applications:	ELISA. Western blot (1/10 - 1/50). Successful use in Immunofluorescence was reported by some researchers. As this detection method has not been verified by the newest quality control, the application was deleted from the database. This does not necessarily exclude the use in such procedure. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Specific for env. gp41 in Western blot immunoassay (native antigen).
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.