

Product datasheet for **BM3242**

HIV-1 gp41 Mouse Monoclonal Antibody [Clone ID: 191]

Product data:

Product Type:	Primary Antibodies
Clone Name:	191
Applications:	WB
Recommended Dilution:	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.
Reactivity:	Human Immunodeficiency Virus 1
Host:	Mouse
Isotype:	IgG2
Clonality:	Monoclonal
Specificity:	Specific for env. gp41 in Western blot immunoassay (native antigen).
Formulation:	0.01 M PBS, pH 7.2 containing 0.09% sodium azide as preservative State: Purified State: Liquid purified Ig fraction (>90% pure)
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
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.



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Synonyms: HIV1, HIV-I, Human immunodeficiency virus type 1