

## Product datasheet for **BM3252**

### HIV-1 Gag Matrix protein p17 Mouse Monoclonal Antibody [Clone ID: 4A1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	4A1
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western Blot: 1:1,000. Immunoprecipitation. Immunohistochemistry on frozen sections.
Reactivity:	Human Immunodeficiency Virus 1
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant HIV-1 p17, strain IIIB
Specificity:	This antibody reacts to HIV-1 p17 antigen. HIV-1 p17 produced against a recombinant protein.
Formulation:	1XPBS, pH 7.2 containing 0.01% Sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Ammonium sulfate precipitate
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.



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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