

Product datasheet for **BM3253**

HIV-1 gp41 Mouse Monoclonal Antibody [Clone ID: 5A1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5A1
Applications:	ELISA, WB
Recommended Dilution:	Suitable for use in ELISA, Western blot (with a suggested dilution of 1:1,000). Does not work in IHC.
Reactivity:	Human Immunodeficiency Virus 1
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	HIV-1 gp41 recombinant antigen (a.a. 466-753 Strain IIIB)
Specificity:	HIV-1 gp41 antigen
Formulation:	1X PBS, pH 7.2, containing 0.01% sodium azide as preservative. State: Purified State: Liquid purified ascites.
Concentration:	lot specific
Purification:	Ammonium Sulfate precipitation .
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -80°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.
Synonyms:	HIV1, HIV-I, Human immunodeficiency virus type 1



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