

## Product datasheet for **BP1033**

### HIV-1 (purified virions) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	<b>Immunohistochemistry on Frozen Tissues.</b> <b>Conjugation purposes.</b> <b>Immunofluorescence</b> (>1/1,000 by indirect immunofluorescence). <b>Western blot.</b> <b>ELISA.</b>
Reactivity:	Human Immunodeficiency Virus 1
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Human isolate, confirmed
Specificity:	Purified virions, disrupted. This antibody reacts with the whole virus. It reacts with all the major viral proteins including p17, p24, p53, p64, gp120 and gp160. <b>Does not</b> react with T4+ Human lymphocytes.
Formulation:	0.01 M PBS, pH 7.2. No stabilizing proteins have been added. State: Ig Fraction State: Liquid purified Ig fraction (>95% pure) Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Sodium sulfate precipitation and ion exchange chromatography
Conjugation:	Unconjugated
Storage:	Store 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.



[View online »](#)

**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