

## Product datasheet for **BP1035**

### HIV-1 gp120 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>ELISA</b> and <b>Western blotting</b> (1/1000). In addition, this product may be used in place of neat antiserum in almost any appropriate antibody-based technique. It is also suitable for conjugation purposes.
Reactivity:	Human Immunodeficiency Virus 1
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Purified native gp120 from strain IIIIB
Specificity:	gp120 (predominate gp120 band in Western blot). Antiserum <b>does not</b> cross-react with Human T or B cells. Antiserum is not reactive with Human or Bovine sera.
Formulation:	0.01 M PBS, pH 7.2 with 0.09% Sodium Azide as preservative. No stabilizing proteins have been added. State: Ig Fraction State: Liquid purified IgG fraction (>95% pure)
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.
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