Datasheet: 5000-0557

**Description:** GOAT ANTI HUMAN IMMUNODEFICIENCY VIRUS 1

**Specificity:** HUMAN IMMUNODEFICIENCY VIRUS 1 gp120

**Format:** Purified

**Product Type:** Polyclonal Antibody

**Isotype:** Polyclonal IgG

**Quantity:** 1 ml

### Product Details

**Applications**

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

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<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

**Target Species**

Viral

**Product Form**

Purified IgG - liquid

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

0.09% Sodium Azide (NaN₃)

**Approx. Protein Concentrations**

1.0 mg/ml

**Immunogen**

Purified native gp120 from strain IIIB.

**External Database Links**

UniProt:

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**RRID**
AB_620015

**Specificity**
Goat anti Human Immunodeficiency Virus 1 gp120 antibody recognizes gp120, an exterior envelope glycoprotein on the surface of the virus particle that acts as a receptor for CD4 and chemokine receptors on macrophages and T-lymphocytes.

It does not react with human T cells, B cells, normal bovine serum or normal human serum. In western blotting a predominant gp120 band is observed.

**References**

**Storage**
This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

**Guarantee**
12 months from date of despatch

**Health And Safety Information**

**Regulatory**
For research purposes only

**Recommended Products**

**Recommended Secondary Antibodies**

Rabbit Anti Goat IgG (Fc) (STAR122...) FITC, HRP