

Datasheet: OBT0935B

Description:	GOAT ANTI HUMAN IMMUNODEFICIENCY VIRUS 1 gp41:Biotin
Specificity:	HUMAN IMMUNODEFICIENCY VIRUS 1 gp41
Other names:	HIV-1
Format:	Biotin
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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Western Blotting	▪			

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 conjugated to Biotin - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium azide
Approx. Protein Concentrations	Total protein concentration 4.0 mg/ml
Immunogen	Recombinant protein corresponding to the ectodomain of glycosylated HIV-1 gp41 protein, produced in <i>Pichia pastoris</i> .
Specificity	<p>Goat anti Human Immunodeficiency Virus 1 gp41 antibody recognizes HIV-1, recognising the ectodomain of the gp41 viral envelope glycoprotein.</p> <p>The surface subunit of gp120 and the transmembrane subunit of gp41 form a non-covalent complex; this complex is a potential target for AIDS therapies.</p> <p>Goat anti Human Immunodeficiency Virus 1 gp41 antibody does not cross react with human T or B</p>

cells.

Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10303 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf
Regulatory	For research purposes only

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