

Product datasheet

Anti-HIV1 Vif antibody [319] ab66643

7 References

Overview

Product name	Anti-HIV1 Vif antibody [319]
Description	Mouse monoclonal [319] to HIV1 Vif
Host species	Mouse
Specificity	ab66643 is specific for bacterial HIV1 Vif protein.
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Other species
Immunogen	Bacterially expressed, hexahistidine amino-terminal tagged HIV1 Vif protein (clade B, HXB-3 isolate).
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
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Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Protein G purified
Clonality	Monoclonal
Clone number	319
Myeloma	Sp2/0
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab66643** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000. Predicted molecular weight: 23 kDa.
ICC/IF		Use at an assay dependent dilution.

Target

Relevance

HIV1 Vif (viral infectivity factor), supports productive viral replication in non-permissive cells, such as peripheral blood lymphocytes. It functions by inactivating a cellular anti-viral factor named APOBEC3G. Vif binds viral RNA and affects the stability of viral nucleoprotein core. May play a role in viral morphology. Interacts with host ABCE1, which seems to be involved in lentiviruses capsid formation and displays RNase L inhibitor activity. This interaction may play a role in protecting viral RNA from damage during viral assembly.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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