

## Product Datasheet

### Anti-dsRNA [1D3] (orb1089973)

<b>Description</b>	Mouse monoclonal antibody to dsRNA
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Virus
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	RDV-RNA-methylated bovine serum albumin complex.
<b>Target</b>	dsRNA
<b>Preservatives</b>	PBS with 0.02% Proclin 300.
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Clone Number</b>	1D3
<b>Purity</b>	Purified
<b>Expiration Date</b>	12 months from date of receipt.

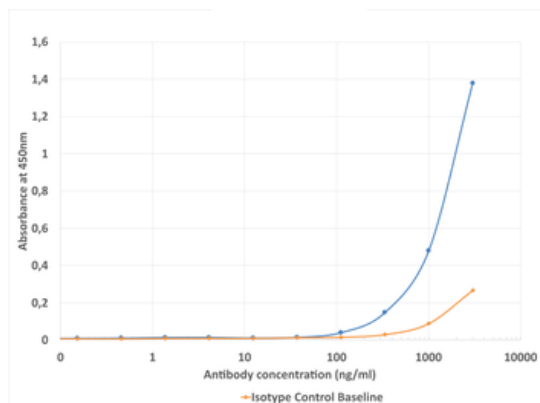
---

**Biorbyt Ltd.**

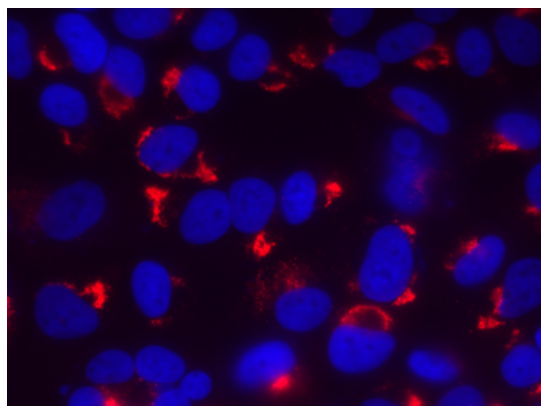
7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Biorbyt LLC.**

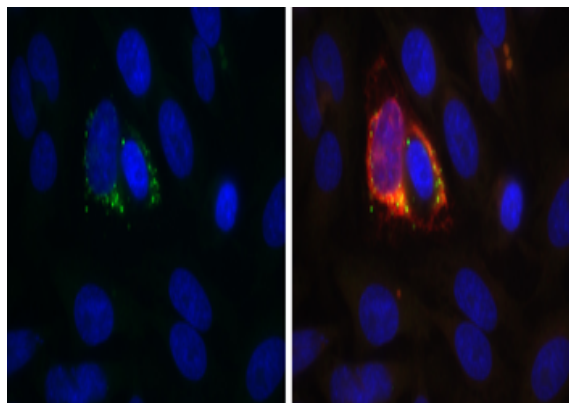
68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)



ELISA using 1D3 and dsRNA. The plate was coated with dsRNA at 5 µg/ml. Serial dilutions were prepared over a range of 3000 ng/ml to 0.0169 ng/ml. For detection, HRP-labelled anti-mouse IgG antibody was used.



Immunofluorescence staining of fixed cells infected with Dengue 2 Virus with anti-dsRNA antibody 1D3. Immunofluorescence analysis of paraformaldehyde-fixed, triton-permeabilized cells infected with Dengue 2 virus stained with the chimeric rabbit IgG version of 1D3 (orb1089972) at 1/300 followed by Alexa 568 secondary antibody (red).



Immunofluorescence staining of Zika virus-infected A549 cells with anti-dsRNA antibody 1D3. Immunofluorescence analysis of Zika virus-infected A549 cells stained with the chimeric rabbit IgG version of 1D3 (orb1089972) followed by a secondary antibody. The nuclear stain is DAPI (blue). Panels show from left-right: orb1089972 (green) with DAPI and merged channels (orb1089972 (green), DAPI (blue), Zika's E protein (red)).

**Biorbyt Ltd.**

7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Biorbyt LLC.**

68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)