

**Anti-dsRNA antibody [clone J2]**

v. 231101

<b>Catalog number</b>	C15039-200UG
<b>Description</b>	<p>The Anti-dsRNA Antibody [clone J2] specifically recognizes dsRNA of more than 40-bp in length, making it an essential tool in viral research, immunology, and RNA biology. With its high sensitivity and specificity, this antibody enables the detection of viral replication intermediates from various viruses, including Hepatitis C virus, Dengue virus, rhinovirus, Chikungunya virus, Rabies virus, and Polio virus, in biological samples. It also plays a crucial role in investigating immune responses triggered by dsRNA, such as antiviral signaling pathways and innate immune activation. Researchers can utilize this antibody to gain deeper insights into dsRNA-related processes and develop innovative approaches for antiviral therapies and vaccine development.</p>
<b>Clonality</b>	Recombinant Mouse IgG
<b>Isotype</b>	IgG2a
<b>Conjugation</b>	Unconjugated
<b>Concentration</b>	0.2 mg/ml
<b>Specificity</b>	dsRNA
<b>Form</b>	Liquid
<b>Applications</b>	Dot Blot
<b>Storage Buffer</b>	Phosphate Buffered Saline containing 0.03% Proclin 300, pH 7.4.
<b>Stability &amp; Storage</b>	<p>This product is stable after storage at:</p> <ul style="list-style-type: none"><li>• 2-8°C for 2 weeks under sterile conditions from date of receipt.</li><li>• -20°C or -80°C for 12 months under sterile conditions from date of receipt.</li></ul> <p>Avoid repeated freeze/thaw cycles. Suggestion: Divide antibody into several vials. Keep only vials for usage at 2-8°C.</p>
<b>Notes</b>	<p>For optimal results, investigators are advised to determine the working dilution for specific applications, with a recommended starting point of 1:2000, which is equivalent to 0.1 ug/ml.</p>

*For Research Use Only. Not for use in diagnostic and therapeutic procedures.*