



# Mouse Anti-dsRNA Monoclonal antibody, clone sK3 (CABT-B212P)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Affinity purified format of CABT-B212
<b>Specificity</b>	This antibody is useful for detecting double stranded RNA of greater than 40 bp in length which is generated during the replication of positive sense genome viruses. It works with HCV, rhinovirus, dengue virus, and others. It does not work for dsRNA produced by influenza A virus and other negative sense genome viruses.
<b>Immunogen</b>	The original antibody was raised by immunising mice with L-dsRNA
<b>Isotype</b>	IgG2a, κ
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Clone</b>	sK3
<b>Purification</b>	Protein A affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IP, ELISA, EM, IF, IHC
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	PBS with 0.02% Proclin 300

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<b>Storage</b>	Maintain at -20°C for up to 12 months. Avoid repeated freeze-thaw cycles. Store product undiluted.
<b>Ship</b>	Wet ice

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## BACKGROUND

<b>Introduction</b>	Double-stranded RNA (dsRNA) is RNA with two complementary strands, similar to the DNA found in all cells. dsRNA forms the genetic material of some viruses (double-stranded RNA viruses). Double-stranded RNA such as viral RNA or siRNA can trigger RNA interference in eukaryotes, as well as interferon response in vertebrates.
<b>Keywords</b>	double-stranded RNA; ds-RNA

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