



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

Product Overview	Affinity purified format of CABT-B212
Specificity	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.
Immunogen	The original antibody was raised by immunising mice with L-dsRNA
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	N/A
Clone	sK3
Purification	Protein A affinity purified
Conjugate	Unconjugated
Applications	IP, ELISA, EM, IF, IHC
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	PBS with 0.02% Proclin 300

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

BACKGROUND

Introduction	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.
Keywords	double-stranded RNA; ds-RNA