



SCICONS[™] Antibodies & ELISA Kits

DETECT DOUBLE-STRANDED RNA WITH CONFIDENCE

The SCICONS line of mouse anti-dsRNA monoclonal antibodies are the gold standard in double-stranded RNA detection for their high specificity, meticulous characterization, and lack of reactivity with DNA and single-stranded RNA. Featured in more than 300 publications, these antibodies have a diverse range of applications, such as detecting whether an unknown pathogen is bacterial or viral, enabling viral life cycle research, and studying anti-viral responses.

The SCICONS antibodies are used to detect dsRNA intermediates of a diverse range of viruses, including chikungunya, dengue, hepatitis, rabies, rhinovirus, polio, swine fever and more.

SCICONS dsRNA Antibodies

J2 The anti-dsRNA monoclonal antibody clone J2 has been used for detecting dsRNA intermediates of a wide variety of viruses in cells and tissues. Its applications include IHC, IF, Western blot, ELISA and electron microscopy.

Catalog Numbers: 10010200, 10010500

J5 The J5 clone is similar in affinity and specificity to the J2 clone, but has a different isotype, making it a flexible tool for simultaneous detection of dsRNA with other markers in IF and more.

Catalog Numbers: 10040200, 10040500

K1 The K1 clone can be used for the histological and cytological detection of dsRNA in cells and tissues as an alternative to J2. This clone is also the best option for detecting poly I:C.

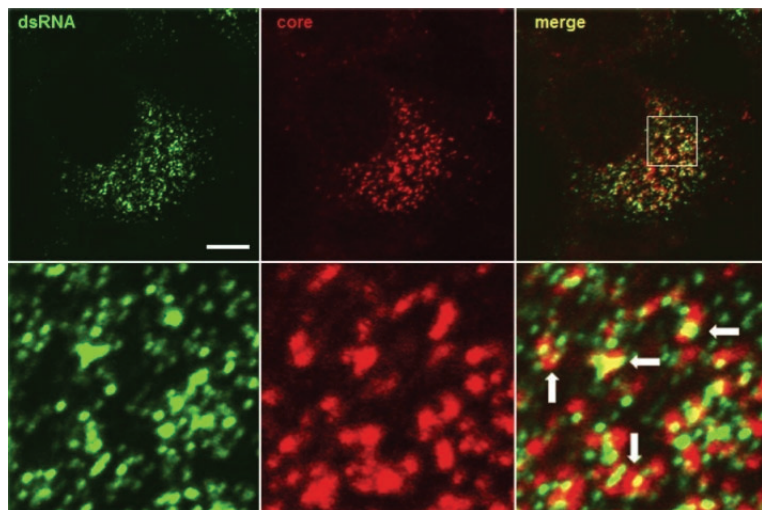
Catalog Numbers: 10020200, 10020500

K2 The K2 clone has an IgM isotype and is typically used in specialized applications where an anti-dsRNA antibody with an isotype other than IgG is required.

Catalog Numbers: 10030005, 10030010

Also available are antibody comparison sets, dsRNA detection ELISA kits, and positive controls.

SCICONS[™]



Antibody J2 (1:250 dilution, 4 microgram/ml) reveals the co-localization of dsRNA (labeled in green) and Hepatitis C virus core protein (labeled in red), indicating the location of putative virus assembly sites (arrows).

official distributor

SZABO-SCANDIC HandelsgmbH
Quellenstraße 110, A-1100 Wien
T. +43(0)1 489 3961-0
F. +43(0)1 489 3961-7
mail@szabo-scandic.com
www.szabo-scandic.com



**SZABO
SCANDIC**



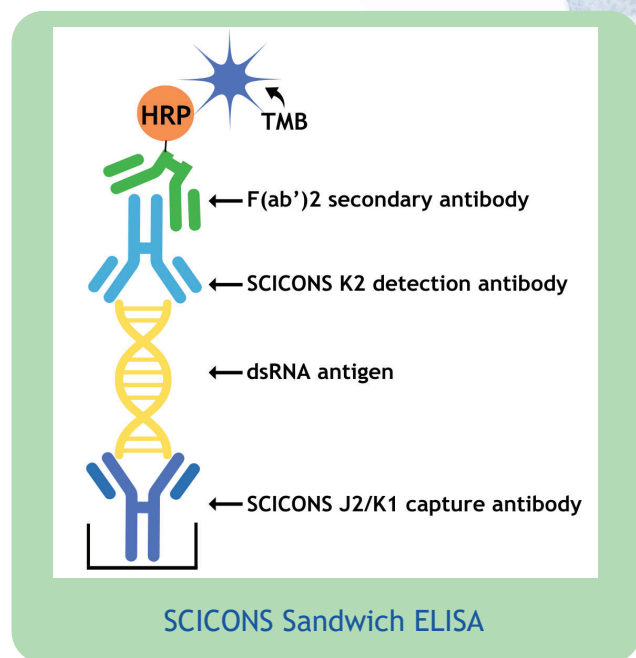
SCICONS ELISA Kits

Detect the presence of dsRNAs in your samples quickly and effectively using our SCICONS ELISA kits. Built using our highly specific SCICONS antibodies, these sensitive ELISA kits enable the detection of dsRNA molecules (>30-40 bp) in nucleic acid extracts in the presence of 1,000-10,000-fold excess of other nucleic acids.

The kits include enough reagents for 200 or 500 tests:

- 1 vial of coating antibody
- 1 vial of Poly(I:C) dsRNA as positive control
- 1 vial of dsRNA-specific detecting antibody (J2 or K1-based)
- 1 vial of HRP-conjugated F(ab')₂ fragment of goat-anti mouse secondary antibody
- 1 vial of TMB substrate solution
- Clear protocol that walks you through the entire process, from sample preparation to result analysis

Catalog Numbers: 10613002,
10613005, 10623002, 10623005



Custom Engineered Options

For added biological definition and engineering potential, explore recombinantly produced and engineered off-the-shelf versions of the SCICONS antibody collection through Absolute Antibody, an Absolute Biotech company. Our engineers can switch the species, isotype, subtype, or format of any antibody upon request.

Cat. Number	Antibody Format
Ab01299-2.0	Anti-dsRNA [J2] Mouse IgG2a
Ab01299-2.3	Anti-dsRNA [J2] Mouse IgG2a Fc Silent™
Ab01299-1.6	Anti-dsRNA [J2] Mouse Fab fragment His-Tagged
Ab01299-23.0	Anti-dsRNA [J2] Rabbit IgG
Ab01299-21.0	Anti-dsRNA [J2] Mouse IgM

About Absolute Biotech

Absolute Biotech is a new company that unites multiple life science brands into one organization specializing in antibody reagents and services. To learn more, please visit www.absolutebiotech.com.

