

Certificate of Analysis

Product: **Anti-dsRNA monoclonal Antibody K2**

Scicons Product Nr.: **10030010**

Amount: **10 ml**

Batch Nr.# **K2-1903**

Expiration Date: **22 March 2024**

Format: **Hybridoma Cell Culture Supernatant (RPMI 1640)**

Sodium Azide Content: **none**

Description:

Species Origin: **Mouse**

Heavy Chain Isotype: **IgM**

Light Chain Isotype: **kappa**

Test conditions:

Activity assay in AN-ELISA using 50 ng/well poly(I)·poly(C) (InvivoGen) bound on poly-L-Lys coated plates and K2 supernatant at dilution of 1:1, 1:3, 1:10, 1:30. Bound K2 was detected with alkaline phosphatase conjugated GAM-IgG (H+L) (Jackson ImmunoResearch) and p-nitrophenyl-phosphate as substrate.

Results:

ELISA:

Relative Activity Test compared to reference K2

poly(I)·poly(C) as antigen: **passed¹**

Signed:



Szabolcs Hambalkó

Date: 2019-07-23

Notes:

The ELISA test was carried out according to the protocol described in Schönborn et al., (1991) PubMed ID: 2057357

[1] TMThe pass criterion is a relative activity greater than 60% of the reference material.

Accumulated results published during the last 8 years in over 600 peer-reviewed journals by professional virologists (see literature database: <https://scicons.eu/en/publications>) have shown that activity at or above this threshold is more than adequate for the qualitative immunohistochemical staining applications for which the vast majority of the customers of English & Scientific Consulting use this antibody.