

**Product Name**

Monoclonal Human anti-Nuclear body protein  
SP140 Immunoglobulin

**CAT No.**

MQR2.3301

**LOT No.**

18294

**Size**

100 µg

Edition: September 11, 2019

**Intended use**

This product is for research use only. NOT for use in diagnostic or therapeutic procedures.

This product is tested for use in enzyme-linked immunosorbent assay (ELISA).

**Reagent provided**

The antibody is supplied in PBS.

**Isotype**

Human IgG1κ

**Immunogen**

Nuclear body protein SP140. Domain 688-862 of 867, Bromodomain.

**Specificity**

Specificity has been tested in ELISA (figure 1).

**Purity**

Protein A purified.

**Disclaimer**

The antibody is for R&D use only. NOT for use in diagnostic or therapeutic procedures.

**Precautions**

1. For professional users.
2. As with any product derived from biological sources, proper handling procedures should be used.
3. The product may be used in different techniques and in combination with different sample types and materials, therefore each individual laboratory should validate the applied test system.

**Preparation of the antibody**

Use antibody as supplied.

**Storage/Stability**

Store at -20°C. After first time use, store at 4°C. Avoid repeated freeze-thaw cycles.

**Application guidelines**

ELISA: 1:1000 – 1:5000

Other applications: since applications vary, optimum working dilution of the product should be determined in the appropriate assay. Unless the stability in the actual test system has been established, it is recommended to dilute the product immediately before use.

**Relevance**

Component of the nuclear body, also known as nuclear domain 10, PML oncogenic domain, and KR body. May be involved in the pathogenesis of acute promyelocytic leukemia and viral infection. May play a role in chromatin-mediated regulation of gene expression although it does not bind to histone H3 tails.<sup>1</sup>

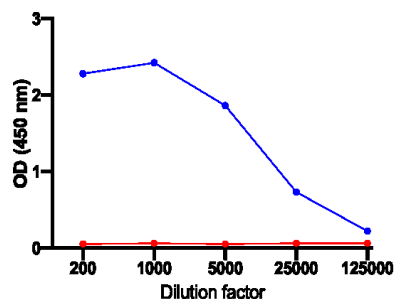
**SP140 antibody**


Figure 1: Specificity of anti-SP140 (MQR2.3301), determined by ELISA. Antibody stock 0.44 mg/ml diluted in PBS containing 0.05% tween-20 and 1% BSA was tested on human Nuclear body protein SP140 (in blue) and non-target protein (in red)..

**References**

- 1) <https://www.uniprot.org/uniprot/Q13342>