

**Product Name**  
Monoclonal Human  
Anti-TP53-binding protein  
1

**CAT No.**  
MQR 2.1701

**LOT No.**  
16211

**Quantity**  
100 µg

Edition: February 2<sup>nd</sup>, 2018

**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) and immunoprecipitation (IP).

**Reagent provided**

The antibody is supplied in PBS

**Isotype**

Human IgG1κ

**Immunogen**

TP53BP1 (1480-1606 of 1972, Tudor domain)

**Specificity**

Specificity has been tested in ELISA (figure 1) and IP-MS.

**Purity**

Protein A purified.

**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 instructions**

Store at -20°C.

**Application guidelines**

ELISA: 1:5000 – 1:25000

IP: 2 µg/ml

Unless the stability in the actual test system has been established, it is recommended to dilute the product immediately before use.

**Relevance**

Double-strand break (DSB) repair protein involved in response to DNA damage, telomere dynamics and class-switch recombination (CSR) during antibody genesis.<sup>1</sup>



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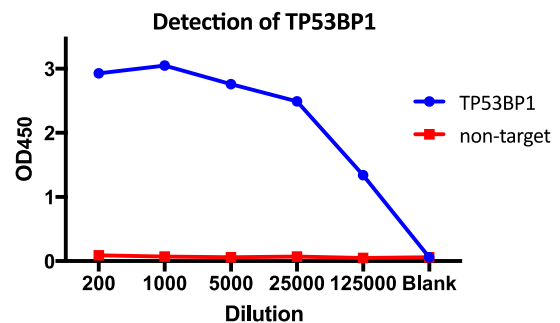


Figure 1: Specificity of anti-TP53BP1 (MQR2.1701), determined by ELISA. Antibody diluted in PBS containing 0.05% tween-20 and 1% BSA was tested on human TP53BP1 and SA (non-target).

**References**

- 1) <http://www.uniprot.org/uniprot/Q12888>