

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



**CAT No.**  
MQR2.1701

**LOT No.**  
16211

**Size**  
100 µg

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#### 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>

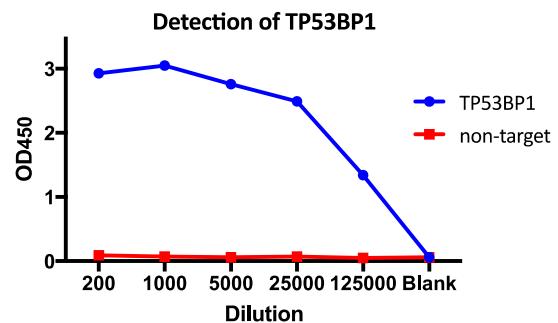


Figure 1: Specificity of anti-TP53BP1 (MQR2.1701), determined by ELISA. Antibody diluted in PBS containing 0.05% tween-20 and 1% BSA was tested on human TP53BP1 and SA (non-target).

#### References

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