

Product Name

Monoclonal Human
Anti-Zinc finger CCCH-type with G
patch domain-containing protein

CAT No.

MQR 2.2101

LOT No.

16215

Quantity

100 µg

Edition: February 2nd, 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 IgG1k

Immunogen

Zinc finger CCCH-type with G patch domain-containing protein (120-268 of 531, Zinc finger)

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: 1:1000 – 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

Transcription repressor that specifically binds the 5'-GGAG[GA]A[GA]A-3' consensus sequence. Represses transcription by recruiting the chromatin multiprotein complex



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NuRD to target promoters. Negatively regulates expression of EGFR, a gene involved in cell proliferation, survival and migration. Its ability to repress genes of the EGFR pathway

suggest it may act as a tumor suppressor. Able to suppress breast carcinogenesis.¹

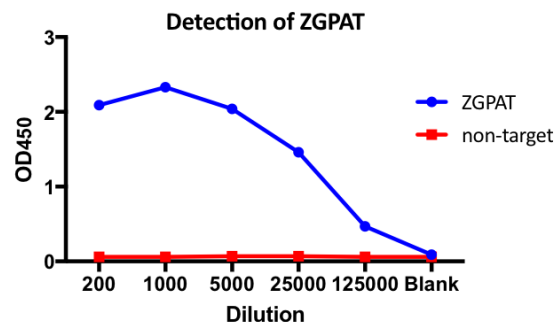


Figure 1: Specificity of anti-ZGPAT (MQR2.2101), determined by ELISA. Antibody diluted in PBS containing 0.05% tween-20 and 1% BSA was tested on human ZGPAT and SA (non-target).

References

- 1) <http://www.uniprot.org/uniprot/Q8N5A5>