

Product Name
Monoclonal Human
Protein arginine N-methyltransferase 3 (PRMT3) immunoglobulin

CAT No.
MQR2.1601

LOT No.
16220

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), immunoprecipitation (IP) and Chromatin immunoprecipitation quantitative real-time PCR (ChIP-qPCR).

Reagent provided

The antibody is supplied in PBS

Isotype

Human IgG1k

Immunogen

Human protein arginine methyltransferase 3 isoform 1 (211-531 of 531)

Specificity

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

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: 1:250000 – 1:125000

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

Methylates (mono and asymmetric dimethylation) the guanidino nitrogens of arginyl residues in some proteins. Inhibited by N-ethylmaleimide and high concentrations of zinc chloride.

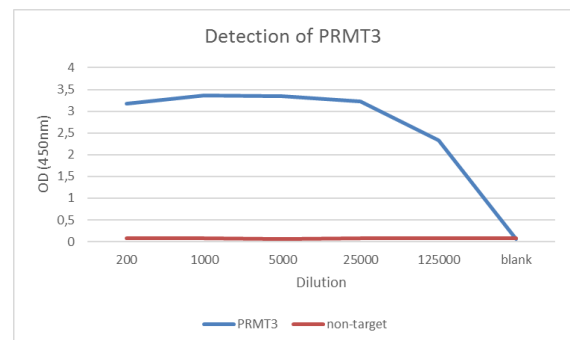


Figure 1: Specificity of PRMT3 (MQR2.1601), determined by ELISA. Antibody diluted in PBS containing 0.05% tween-20 and 1% BSA was tested on human PRMT3 and BRD1 (non-target).

References

- 1) UniProt Consortium 2017, 'Protein arginine N-methyltransferase 3', UniProtKB Protein Knowledgebase, viewed 12 May 2017, <http://www.uniprot.org/uniprot/O60678>