

Product datasheet

DMT1 RABBIT POLYCLONAL ANTIBODY

SKU: MM-0269

50 µL

OVERVIEW

Clonality:

Polyclonal

Host:

Rabbit

Reactivity:

Human, Mouse

Application:

WB

Target:

DMT1

Target background:

The Divalent Metal Transporter 1 (DMT-1) also known as the Natural resistance-associated macrophage protein 2 (NRAMP 2) is a protein implicated in metal transport, in particular iron. NRAMP 2 can also transport different divalent cations. NRAMP 2 transports iron from acidified endosomes into cytoplasm of erythroid precursor cells. Its role in hepatic iron transportation and mitochondrial iron transportation has also been studied.

Target alias:

Natural resistance-associated macrophage protein 2, NRAMP2, NRAMP-2, Divalent cation transporter 1, Divalent metal transporter 1, DMT-1, Solute carrier family 11 member 2, SLC11A2

Immunogen:

Recombinant protein made of eight repeats of amino acids 4–54 of mouse DMT1

Specificity:

The antibody recognizes the DMT1 protein

Clone ID:

Preservative:

None

Format:

Lyophilized serum

Recommend starting dilution:

Reconstitute with deionized water. Optimal dilution has to be determined by the user.

Limitations:

Research Use Only

References:**Storage:**

Lyophilized antibodies can be kept at 4°C for up to 3 months and should be kept at -20°C for long-term storage (2 years). To avoid freeze-thaw cycles, reconstituted antibodies should be aliquoted before freezing for long-term (1 year) storage (-80°C) or kept at 4°C for short-term usage (2 months). For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made with the assay buffer. After the maximum long-term storage period (2 years lyophilized or 1 year reconstituted) antibodies should be tested in your assay with a standard sample to verify if you have noticed any decrease in their efficacy.

Image:

