

## Ubiquitin-Related Modifier 1 (URM1) Antibody

Catalogue No.: abx025244



Acts as a sulfur carrier required for 2-thiolation of mcm (5) S (2) U at tRNA wobble positions of tRNA (Lys), tRNA (Glu) and tRNA (Gln). Serves as sulfur donor in tRNA 2-thiolation reaction by thiocarboxylated (-COSH) at its C-terminus by MOCS3. The sulfur is then transferred to tRNA to form 2-thiolation of mcm (5) S (2) U. May also act as an ubiquitin-like protein that is covalently conjugated to other proteins; the relevance of such function is however unclear in vivo.

**Target:** Ubiquitin-Related Modifier 1 (URM1)

**Clonality:** Monoclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB

**Host:** Mouse

**Recommended dilutions:** WB: 1/100. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Human URM1 recombinant protein.

**Isotype:** IgM Kappa

**Form:** Liquid

**Purification:** Purified by Euglobin precipitation followed by dialysis against deionized water.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** Q9BTM9 ([UniProt](#), [ExPASy](#))

**String:** [9606.ENSP00000412922](#)

# Datasheet

Version: 3.0.0

Revision date: 02 May 2025



**Molecular Weight:** Calculated MW: 11.4 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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