

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](https://string-db.org/cgi/show.do?query=Q9BTM9&organism=Homo%20sapiens&network=1)

Datasheet

Version: 3.0.0

Revision date: 28 Aug 2025



Molecular Weight: Calculated MW: 11.4 kDa

Buffer: PBS containing 0.09% sodium azide.

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