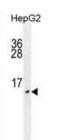


Ubiquitin-Related Modifier 1 (URM1) Antibody

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 (<u>UniProt</u> , <u>ExPASy</u>)
String:	<u>9606.ENSP00000412922</u>



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.