



Datasheet for ABIN659088

anti-Urm1 antibody



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1 Image

Overview

Quantity:	400 µL
Target:	Urm1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This URM1 monoclonal antibody is generated from mouse immunized with URM1 recombinant protein.
Clone:	182CT27-2-2
Isotype:	IgM kappa
Purification:	This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.

Target Details

Target:	Urm1
Alternative Name:	URM1 (Urm1 Products)
Background:	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

Target Details

conjugated to other proteins, the relevance of such function is however unclear in vivo.

Molecular Weight: 11380

Gene ID: 81605

NCBI Accession: [NP_001129419](#), [NP_112176](#)

UniProt: [Q9BTM9](#)

Application Details

Application Notes: WB: 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

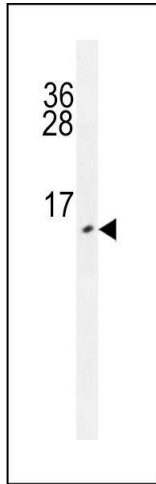
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. URM1 antibody (ABIN659088 and ABIN2838077) western blot analysis in HepG2 cell line lysates (35 μ g/lane). This demonstrates the URM1 antibody detected the URM1 protein (arrow).