

10-6549: Mouse Monoclonal Antibody to URM1 (Clone: 182CT27.2.2)(Discontinued)

Clonality :	Monoclonal
Clone Name :	182CT27.2.2
Application :	WB
Reactivity :	Human
Gene :	URM1
Gene ID :	81605
Uniprot ID :	Q9BTM9
Format :	Purified
Alternative Name :	Ubiquitin-related modifier 1, C9orf74
Isotype :	Mouse IgM,Kappa
Immunogen Information :	Recombinant Protein

Description

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.

Product Info

Amount :	80 µl / 400 µl
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

WB~1:100

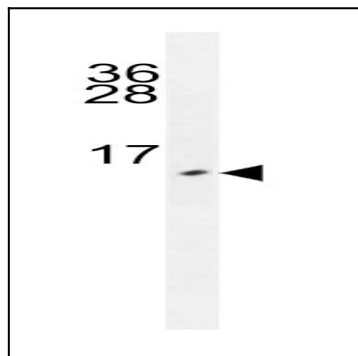


Figure 1: Western blot analysis of URM1 antibody (10-6549) in HepG2 cell line lysates (35 µg/lane). This demonstrates the URM1 antibody detected the URM1 protein.