

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

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

<b>Amount :</b>	80 $\mu$ l / 400 $\mu$ l
<b>Content :</b>	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.
<b>Storage condition :</b>	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

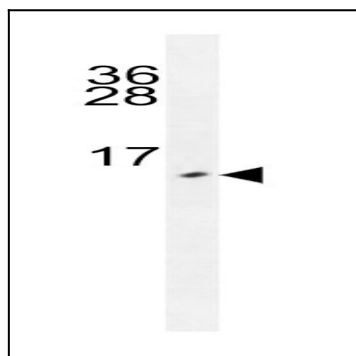


Figure 1: Western blot analysis of URM1 antibody (10-6549) in HepG2 cell line lysates (35  $\mu$ g/lane). This demonstrates the URM1 antibody detected the URM1 protein.