

Recombinant

DGRmAb®

Urm1 (DGR13592) Rabbit mAb (PBS Only)

db15535-PBS

Package : 10µg 100µg

Product Name : Urm1 (DGR13592) Rabbit mAb (PBS Only)**Cat.No.:** db15535-PBS**Synonyms** : C9orf74**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

Acts as a sulfur carrier required for 2-thiolation of mcm5S2U at tRNA wobble positions of cytosolic tRNA(Lys), tRNA(Glu) and tRNA(Gln). Serves as sulfur donor in tRNA 2-thiolation reaction by being thiocarboxylated (-COSH) at its C-terminus by MOCS3. The sulfur is then transferred to tRNA to form 2-thiolation of mcm5S2U. Also acts as a ubiquitin-like protein (UBL) that is covalently conjugated via an isopeptide bond to lysine residues of target proteins such as MOCS3, ATPBD3, CTU2, USP15 and CAS. The thiocarboxylated form serves as substrate for conjugation and oxidative stress specifically induces the formation of UBL-protein conjugates.

Immunogen

A synthetic peptide of human Urm1

Gene ID

81605

Swiss Prot

Q9BTM9

Synonyms

C9orf74

Reactivity

Human

Application

WB

Calculated MW

11 kDa

Observed MW

11 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR13592

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.