

Recombinant

DGRmAb®

Urm1 (DGR13592) Rabbit mAb

db15535

Package : 10µL 20µL 50µL 100µL

Product Name : Urm1 (DGR13592) Rabbit mAb**Cat.No.:** db15535**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

Recommended dilution

WB: 1:1000-1:5000

Calculated MW

11 kDa

Observed MW

11 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR13592

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.