

Recombinant

DGRmAb®

USP13 (DGR12121) Rabbit mAb (PBS Only)

db11018-PBS

Package : 10µg 100µg

Product Name : USP13 (DGR12121) Rabbit mAb (PBS Only)**Cat.No.:** db11018-PBS**Synonyms** : ISOT3; IsoT-3**Application** : WB, ICC/IF, FC**Reactivity** : Human,Mouse**Host species** : Rabbit**Background**

Deubiquitinase that mediates deubiquitination of target proteins such as BECN1, MITF, SKP2 and USP10 and is involved in various processes such as autophagy and endoplasmic reticulum-associated degradation (ERAD). Component of a regulatory loop that controls autophagy and p53/TP53 levels: mediates deubiquitination of BECN1, a key regulator of autophagy, leading to stabilize the PIK3C3/VPS34-containing complexes. Also deubiquitinates USP10, an essential regulator of p53/TP53 stability. In turn, PIK3C3/VPS34-containing complexes regulate USP13 stability, suggesting the existence of a regulatory system by which PIK3C3/VPS34-containing complexes regulate p53/TP53 protein levels via USP10 and USP13.

Immunogen

A synthetic peptide of human USP13

Gene ID

8975

Swiss Prot

Q92995

Synonyms

ISOT3; IsoT-3

Reactivity

Human,Mouse

Application

WB, ICC/IF, FC

Calculated MW

97 kDa

Observed MW

97 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR12121

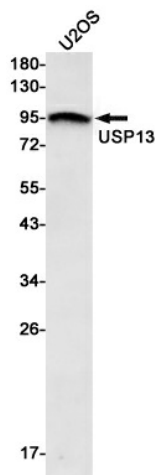
Isotype

IgG

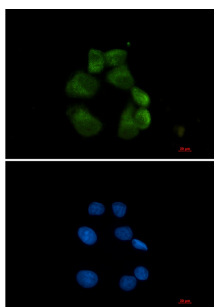
Purity

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.



Western blot detection of USP13 in U2OS cell lysates using USP13 antibody(1:500 diluted).



Immunofluorescent analysis of HeLa cells using [db11018](#) antibody (green), and DAPI (blue).