

Recombinant

DGRmAb®

Ubiquitin (DGR32148) Rabbit mAb (PBS Only)

db11104-PBS

Package : 10µg 100µg

Product Name : Ubiquitin (DGR32148) Rabbit mAb (PBS Only)**Cat.No.:** db11104-PBS**Synonyms** : HEL-S-50**Application** : WB, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes ubiquitin, one of the most conserved proteins known. Ubiquitin has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin moiety fused to an unrelated protein. This gene consists of three direct repeats of the ubiquitin coding sequence with no spacer sequence. Consequently, the protein is expressed as a polyubiquitin precursor with a final amino acid after the last repeat. An aberrant form of this protein has been detected in patients with Alzheimer's disease and Down syndrome. Pseudogenes of this gene are located on chromosomes 1, 2, 13, and 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]

Immunogen

A synthetic peptide of human Ubiquitin

Gene ID

7314

Swiss Prot

P0CG47

Synonyms

HEL-S-50

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF, FC

Calculated MW

8 kDa

Observed MW

8 kDa

Host species

Rabbit

Clonality

Monoclonal

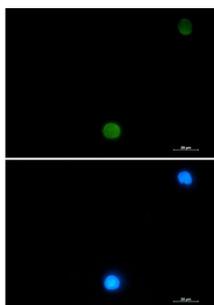
Clonality No.

DGR32148

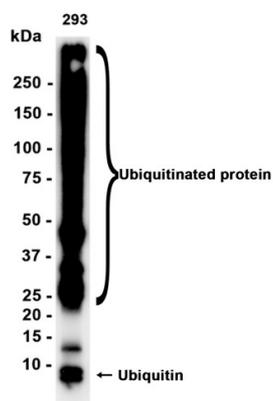
Isotype

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.



Immunofluorescent analysis of CEM cells using db11104 antibody (green), and DAPI (blue).



Western blot analysis of extracts from 293 cells using db11104 at 1:1000.