







Ubiquitin (DGR32148) Rabbit mAb

db11104 Package : 10μL 20μL 50μL 100μL

Product Name: Ubiquitin (DGR32148) Rabbit mAb

Cat.No.: db11104

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 proteosome. 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

Recommended dilution WB: 1:1000-1:5000

ICC/IF: 1:200-1:500

FC: 1:100-1:1000

Calculated MW 8 kDa

Observed MW 8 kDa

Host species Rabbit





Clonality Monoclonal

Clonality No. DGR32148

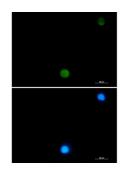
Isotype IgG

Purity Affinity Purification

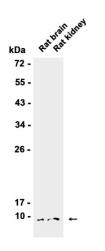
Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

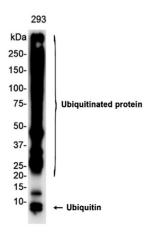
azide and 0.05% BSA. Stable for 12 months from date of receipt.



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



Western blot analysis of extracts from Rat brain, Rat kidney tissue using db11104 at 1:1000.



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



