

UBIQUITIN RABBIT MAB

Cat.#: N263047

Product Name: Anti-Ubiquitin Rabbit Monoclonal Antibody

Synonyms: FLJ25987; MGC8385; ubiquitin B; Ubiquitin; UBCEP1; UBCEP2; RPS27A

UNIPROT ID: P0CG47

Background: Plays an important role in the ubiquitin-proteasome pathway. Ubiquitin can be covalently linked to many cellular proteins by the ubiquitination process, which targets proteins for degradation by the 26S proteasome. Three components are involved in the target protein-ubiquitin conjugation process. Ubiquitin is first activated by forming a thiolester complex with the activation component E1; the activated ubiquitin is subsequently transferred to the ubiquitin-carrier protein E2, then from E2 to ubiquitin ligase E3 for final delivery to the epsilon-NH₂ of the target protein lysine residue.

Immunogen: A synthetic peptide of human Ubiquitin

Applications: WB, ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R01-7F1

MW: Calculated MW: 26 kDa; Observed MW: 8 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Rat

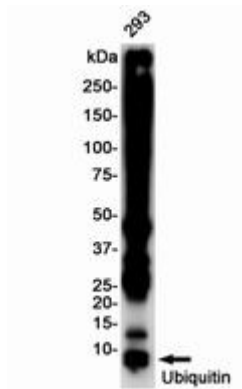
Conjugation: Unconjugated

Modification: Unmodified

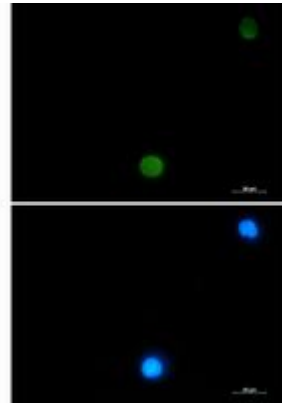
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Neuroscience

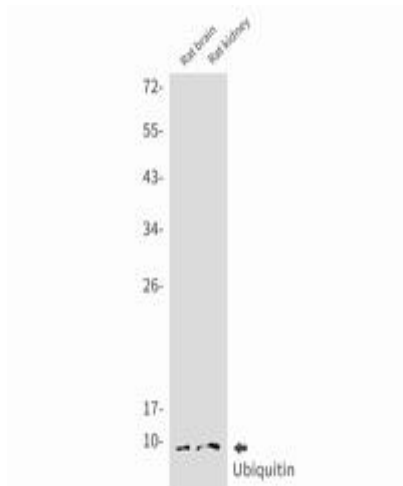
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Ubiquitin in 293 lysates using Ubiquitin antibody



Immunocytochemistry analysis of Ubiquitin (green) in CEM using Ubiquitin antibody, and DAPI (blue).



Western blot analysis of Ubiquitin in rat brain, rat kidney lysates using Ubiquitin antibody.