

Product Data Sheet

Purified anti-Ubiquitin

Catalog # / Size: 646301 / 25 µg
646302 / 100 µg

Clone: P4D1

Isotype: Mouse IgG1,κ

Immunogen: Denatured glutaraldehyde cross-linked ubiquitin IgG complex

Reactivity: All species

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.

Applications:

Applications: WB - *Quality tested*
IP, IHC - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. For Western blotting, the suggested use of this reagent is 0.12 to 0.5 µg per ml. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Magnaudeix A, *et al.* 2013. *Neurobiol Aging*. 34:770. PubMed.

Description: Ubiquitin is a highly-conserved small protein expressed in all eukaryotes. It is involved in a post-translation modification of proteins called ubiquitination of proteins by the covalent attachment (via an isopeptide bond) of one or more than one ubiquitin monomers. Ubiquitination controls the protein degradation, stability and intracellular localization of many proteins.

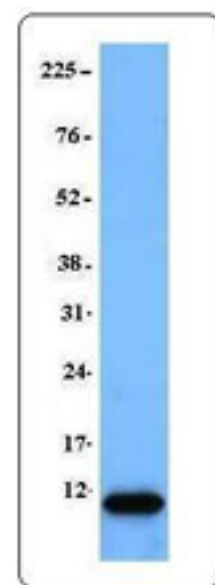
Antigen References: 1. Kahana, *et al.* 1999. *Mol. Cell Biol* 19:6608
2. Ciechanover A, *et al.* 1998. *EMBO J* 17:7151
3. Xu P, *et al.* 2008. *Analytical Chemistry* 80:3438

Related Products:

Product
HRP Goat anti-mouse IgG (minimal x-reactivity)

Clone
Poly4053

Application
ELISA, IHC, WB



Mouse recombinant ubiquitin was resolved by electrophoresis, transferred to nitrocellulose and probed with anti-Ubiquitin antibody, clone P4D1. Proteins were visualized using a goat anti-mouse secondary conjugated to HRP and a chemiluminescence detection system.



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