

Human Ubiquitin Antibody

Recombinant Monoclonal Rabbit IgG Clone # 1002A Catalog Number: MAB8595

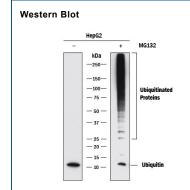
DESCRIPTION		
Species Reactivity	Human	
Specificity	Detects human Ubiquitin in direct ELISAs	
Source	Recombinant Monoclonal Rabbit IgG Clone # 1002A	
Purification	Protein A or G purified from cell culture supernatant	
Immunogen	HEK293 human embryonic kidney cell line transfected with human Ubiquitin Accession # P0CG47	
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.	

APPLICATIONS

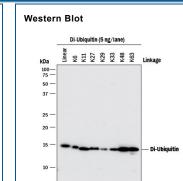
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 μg/mL	See Below

DATA



Detection of Human Ubiquitin by
Western Blot. Western blot shows lysates of
HepG2 human hepatocellular carcinoma cell
line untreated (-) or treated with MC132.
PVDF membrane was probed with 0.1
µg/mL of Rabbit Anti-Human Ubiquitin
Monoclonal Antibody
(Catalog # MAB8595) followed by HRPconjugated Anti-Rabbit IgG Secondary
Antibody (Catalog # HAF008). Specific bands
were detected for Ubiquitin at various
molecular weights (as indicated). This
experiment was conducted under reducing



Detection of Ubiquitin by Western Blot. Western blot shows Di-Ubiquitin chains of the indicated linkage type loaded at 5 ng/lane. PVDF membrane was probed with 0.1 μg/mL of Rabbit Anti-Human Ubiquitin Monoclonal Antibody (Catalog # MAB8595) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). Specific bands were detected for Di-Ubiquitin as indicated. This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE

Reconstitution Reconstitute at 0.5 mg/mL in sterile PBS.

Shipping The product is shipped at ambient temperature

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 $^{\circ}$ C

Group 1.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.

conditions and using Immunoblot Buffer

• 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Ubiquitin is a 76 amino acid, highly conserved nuclear and cytoplasmic protein. It is found exclusively in eukaryotes, becomes covalently attached to substrate proteins by enzymes in the Ubiquitin-Proteosome Pathway (UPP) and has a major role in targeting cellular proteins for the ATP-dependent degradation by the 26S proteosome. Ubiquitination also affects proteosome-independent events such as protein localization, activity and function.

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