

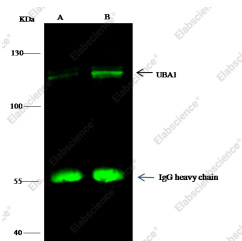
UBE1/UBA1 Monoclonal Antibody

catalog number: AN200218P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human
Immunogen	Recombinant Human UBE1/UBA1 protein
Host	Mouse
Isotype	Mouse IgG1
Clone	A1070
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS with 10% Trehalose, pH7.0
Applications	
IP	0.2-1 μL/mg of lysate

Data



UBA1 was immunoprecipitated using: Lane A:0.5 mg HeLa Whole Cell Lysate Lane B:0.5 mg K562 Whole Cell Lysate 0.5 μL anti-UBA1 mouse monoclonal antibody and 60 μg of Immunomagnetic beads Protein G. Primary antibody: Anti-UBA1 mouse monoclonal antibody, at 1:500 dilution Secondary antibody: Dylight 800-labeled antibody to Mouse IgG (H+L), at 1:7500 dilution Developed using the odssey technique. Performed under reducing conditions. Predicted band size: 111 kDa Observed band size: 111 kDa

Preparation & Storage	
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene catalyzes the first step in ubiquitin conjugation to mark cellular proteins for degradation. This gene complements an X-linked mouse temperature-sensitive defect in DNA synthesis, and thus may function in DNA repair. It is part of a gene cluster on chromosome Xp11.23. Alternatively spliced transcript variants that encode the same protein have been described.

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