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**MATERIAL DATA SHEET**

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**Anti-Ubiquitin**  
**Cat. # A-100**

Rabbit polyclonal antibody with a high specificity and affinity for ubiquitin. The antibody cross-reacts with free ubiquitin, mono-ubiquitin and poly-ubiquitin chain conjugates.

**Product Information**

<b>Quantity:</b>	200 µl
<b>Source:</b>	Affinity purified rabbit polyclonal antibody.
<b>Antigen:</b>	Purified human recombinant ubiquitin.
<b>Stock:</b>	PBS pH 7.4.

**Use & Storage**

<b>Specificity:</b>	Recommended dilution range for Western blot analysis is 1:500 to 1:1500. At a dilution of 1:1000, 10 ng of monomeric ubiquitin can be detected. The antibody cross-reacts with mouse, rat and human ubiquitin; but not with Nedd8 or Sumo1 proteins. This reagent is non-functional for immunoprecipitation.
<b>Storage:</b>	Store unopened vial at -80°C. Avoid repeated freeze-thaw cycles. Aliquot antibody in small volumes prior to freezing.

**Literature**

<b>References:</b>	Haas A.L. and Bright P.M. (1985) <u>J. Biol. Chem</u> <b>260</b> :12464-12473 Guarino L.A. <i>et al.</i> (1995) <u>Cell</u> <b>80</b> :301-309 Takada K. <i>et al.</i> (1995) <u>Eur. J. Biochem.</u> <b>233</b> :42-47
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