

## Product datasheet

# Anti-Ubiquitin +1 antibody [40B3] ab24259

★★★★☆ 1 Abreviews 1 References

### 概述

产品名称	Anti-Ubiquitin +1抗体[40B3]
描述	小鼠单克隆抗体[40B3] to Ubiquitin +1
宿主	Mouse
经测试应用	适用于: ELISA, IP, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide (Human) conjugated to KLH
阳性对照	Bosc23 cell lysate transfected with GFP Ub +1.

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: None Constituents: 50% Glycerol, PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	40B3
同种型	IgG1
轻链类型	kappa

### 应用

Our [Abpromise guarantee](#) covers the use of **ab24259** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
ELISA		Use at an assay dependent dilution.
IP		Use a concentration of 1 - 2 µg/ml.

应用	Ab评论	说明
WB	★★★★☆	1/500 - 1/1000. Predicted molecular weight: 9 kDa.

## 靶标

**相关性** Ubiquitin +1 (Ub+1) is a novel mutant form of ubiquitin that can be produced through a process known as molecular frameshift. Ub+1 can be polyubiquitinated to produce aberrant polyubiquitin chains that inhibit the 26S proteasome. Especially Ub+1 is accumulated in aggregates containing amyloid beta and phosphorylated tau. Elevated expression of Ub+1 mRNA and protein has been observed in the brains of patients with Alzheimer's disease. Also Ub+1 acts as an aggravating factor in polyglutamine induced neurodegeneration.

**细胞定位** Cytoplasmic and Nuclear

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