

### Anti-Ubiquitin antibody [1B4-UB] ab122

★★★★★ [1 Abreviews](#) [4 References](#) [1 图像](#)

#### 概述

产品名称	Anti-Ubiquitin抗体[1B4-UB]
描述	小鼠单克隆抗体[1B4-UB] to Ubiquitin
宿主	Mouse
经测试应用	适用于: IHC-P
种属反应性	与反应: Human
免疫原	Fusion protein corresponding to Bovine Ubiquitin. Ubiquitin from bovine erythrocytes conjugated to bovine gamma globulin.
阳性对照	Human hypophysis
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.1% Sodium azide
纯度	Protein G purified
纯化说明	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
克隆	单克隆
克隆编号	1B4-UB
同种型	IgG1
轻链类型	unknown

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab122于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

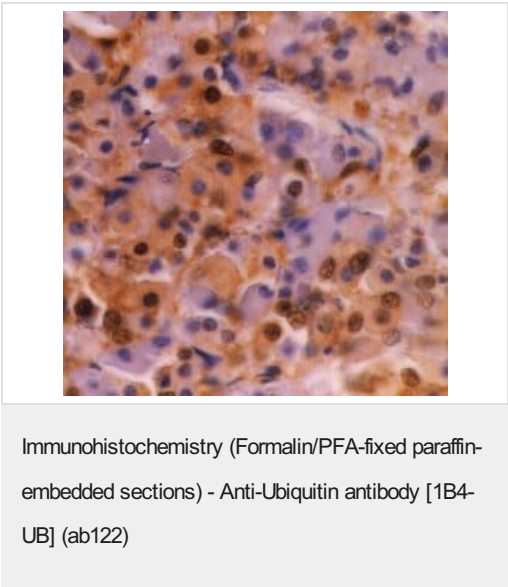
应用	Ab评论	说明
IHC-P		1/500 - 1/1000.

靶标

**相关性**      Function: Ubiquitin exists either covalently attached to another protein, or free (unanchored). When covalently bound, it is conjugated to target proteins via an isopeptide bond either as a monomer (monoubiquitin), a polymer linked via different Lys residues of the ubiquitin (polyubiquitin chains) or a linear polymer linked via the initiator Met of the ubiquitin (linear polyubiquitin chains). Polyubiquitin chains, when attached to a target protein, have different functions depending on the Lys residue of the ubiquitin that is linked: Lys-6-linked may be involved in DNA repair; Lys-11-linked is involved in ERAD (endoplasmic reticulum-associated degradation) and in cell-cycle regulation; Lys-29-linked is involved in lysosomal degradation; Lys-33-linked is involved in kinase modification; Lys-48-linked is involved in protein degradation via the proteasome; Lys-63-linked is involved in endocytosis, DNA-damage responses as well as in signaling processes leading to activation of the transcription factor NF-kappa-B. Linear polymer chains formed via attachment by the initiator Met lead to cell signaling. Ubiquitin is usually conjugated to Lys residues of target proteins, however, in rare cases, conjugation to Cys or Ser residues has been observed. When polyubiquitin is free (unanchored-polyubiquitin), it also has distinct roles, such as in activation of protein kinases, and in signaling. Similarity: Belongs to the ubiquitin family. Contains 3 ubiquitin-like domains.

**细胞定位**      Cell Membrane, Cytoplasmic and Nuclear

图片



ab122 staining Ubiquitin in the tissue of human hypophysis by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

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