

## Product datasheet

# Anti-Bag1 antibody ab54817

1 References 3 图像

### 概述

产品名称	Anti-Bag1抗体
描述	小鼠单克隆抗体to Bag1
宿主	Mouse
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Human
免疫原	Recombinant fragment, corresponding to amino acids 241-346 of Human Bag1

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None PBS, pH 7.2
纯度	Protein G purified
克隆	单克隆
同种型	IgG2a
轻链类型	kappa

### 应用

Our [Abpromise guarantee](#) covers the use of **ab54817** in the following tested applications.

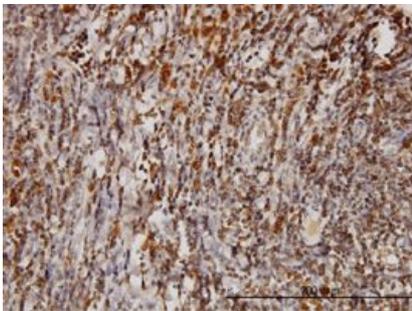
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 31 kDa.
IHC-P		Use a concentration of 3 µg/ml.
ICC/IF		Use a concentration of 10 µg/ml.

## 靶标

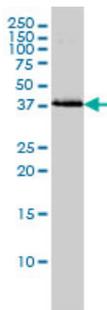
<b>功能</b>	Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release. Inhibits the pro-apoptotic function of PPP1R15A, and has anti-apoptotic activity. Markedly increases the anti-cell death function of BCL2 induced by various stimuli.
<b>组织特异性</b>	Isoform 4 is the most abundantly expressed isoform. It is ubiquitously expressed throughout most tissues, except the liver, colon, breast and uterine myometrium. Isoform 1 is expressed in the ovary and testis. Isoform 4 is expressed in several types of tumor cell lines, and at consistently high levels in leukemia and lymphoma cell lines. Isoform 1 is expressed in the prostate, breast and leukemia cell lines. Isoform 3 is the least abundant isoform in tumor cell lines (at protein level).
<b>序列相似性</b>	Contains 1 BAG domain. Contains 1 ubiquitin-like domain.
<b>翻译后修饰</b>	Ubiquitinated; mediated by SIAH1 or SIAH2 and leading to its subsequent proteasomal degradation.
<b>细胞定位</b>	Cytoplasm. Nucleus. Isoform 2 localizes to the cytoplasm and shuttles into the nucleus in response to heat shock; Nucleus. Cytoplasm. Isoform 1 localizes predominantly to the nucleus and Cytoplasm. Nucleus. Isoform 4 localizes predominantly to the cytoplasm. The cellular background in which it is expressed can influence whether it resides primarily in the cytoplasm or is also found in the nucleus. In the presence of BCL2, localizes to intracellular membranes (what appears to be the nuclear envelope and perinuclear membranes) as well as punctate cytosolic structures suggestive of mitochondria.

## 图片



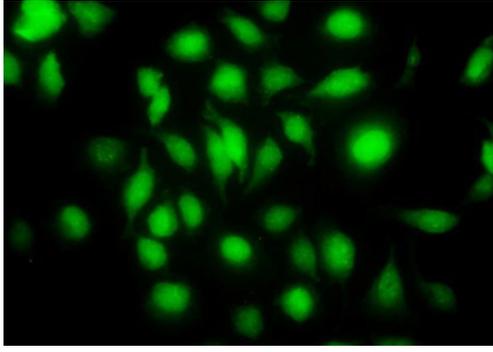
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Bag1 antibody (ab54817)

Bag1 antibody (ab54817) used in immunohistochemistry at 3ug/ml on formalin fixed and paraffin embedded human tonsil.



Western blot - Anti-Bag1 antibody (ab54817)

Bag1 antibody (ab54817) at 1ug/lane + HeLa cell lysate at 25ug/lane.



ab54817 at 10 ug/ml staining Bag1 in human HeLa cells by Immunocytochemistry / Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-Bag1 antibody (ab54817)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### **Our Abpromise to you: Quality guaranteed and expert technical support**

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors