

## Product datasheet

# Anti-Bid antibody [1H11] ab109796

画像数 3

### 製品の概要

製品名	Anti-Bid antibody [1H11]
製品の詳細	Rat monoclonal [1H11] to Bid
由来種	Rat
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human
免疫原	Human Bid.
ポジティブ・コントロール	Jurkat lysates; Human Thymus and Tonsil tissues.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.09% Sodium Azide
精製度	Immunogen affinity purified
ポリ/モノ	モノクローナル
クローン名	1H11
アイソタイプ	IgG1

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab109796** in the following tested applications.

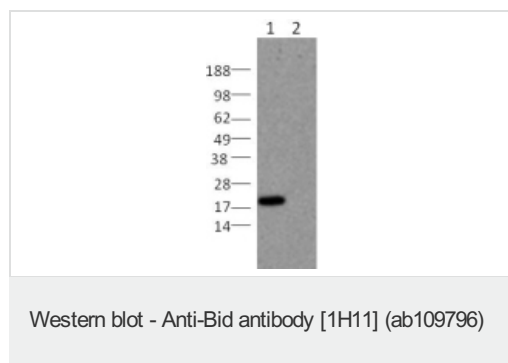
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 22 kDa.
IHC-P		Use a concentration of 20 µg/ml.

## ターゲット情報

機能	The major proteolytic product p15 BID allows the release of cytochrome c (By similarity). Isoform 1, isoform 2 and isoform 4 induce ICE-like proteases and apoptosis. Isoform 3 does not induce apoptosis. Counters the protective effect of Bcl-2.
組織特異性	Isoform 2 and isoform 3 are expressed in spleen, bone marrow, cerebral and cerebellar cortex. Isoform 2 is expressed in spleen, pancreas and placenta (at protein level). Isoform 3 is expressed in lung, pancreas and spleen (at protein level). Isoform 4 is expressed in lung and pancreas (at protein level).
ドメイン	Intact BH3 motif is required by BIK, BID, BAK, BAD and BAX for their pro-apoptotic activity and for their interaction with anti-apoptotic members of the Bcl-2 family.
翻訳後修飾	TNF-alpha induces a caspase-mediated cleavage of p22 BID into a major p15 and minor p13 and p11 products. Phosphorylated upon DNA damage, probably by ATM or ATR. p15 BID is ubiquitinated by ITCH; ubiquitination results in proteasome-dependent degradation.
細胞内局在	Cytoplasm; Cytoplasm. Mitochondrion membrane. When uncleaved, it is predominantly cytoplasmic; Mitochondrion membrane. A significant proportion of isoform 2 localizes to mitochondria, it may be cleaved constitutively; Mitochondrion membrane. Associated with the mitochondrial membrane and Mitochondrion membrane. Translocates to mitochondria as an integral membrane protein.

## 画像



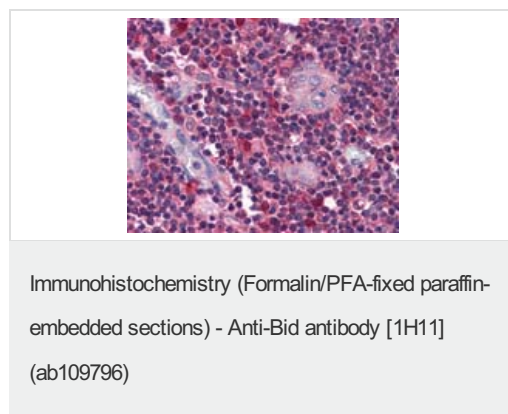
**All lanes :** Anti-Bid antibody [1H11]  
(ab109796) at 2 µg/ml

**Lane 1 :** Jurkat cell lysate

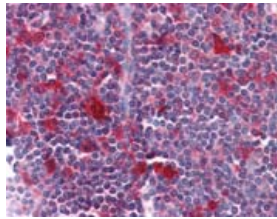
**Lane 2 :** Mouse splenocytes lysate

Performed under reducing conditions.

**Predicted band size:** 22 kDa



Immunohistological staining of Human thymus,  
Formalin-Fixed, Paraffin-Embedded tissue  
using ab109796 at 20 µg/ml dilution.



Immunohistological staining of Human tonsil,  
Formalin-Fixed, Paraffin-Embedded tissue  
using ab109796 at 20 µg/ml dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-  
embedded sections) - Anti-Bid antibody [1H11]  
(ab109796)

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

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