

### Anti-Bid antibody [Y8] ab32060

リコンビナント **RabMAb**

★★★★☆ **4 Abreviews** **25 References** 画像数 7

#### 製品の概要

製品名	Anti-Bid antibody [Y8]
製品の詳細	Rabbit monoclonal [Y8] to Bid
由来種	Rabbit
特異性	This antibody does not cross-react with other Bcl-2 family members.
アプリケーション	<b>適用あり:</b> Flow Cyt (Intra), WB, IHC-P, IP, ICC/IF
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide within Human Bid aa 50-150. The exact sequence is proprietary.
ポジティブ・コントロール	Jurkat cell lysate and human prostate carcinoma.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	Y8

## アプリケーション

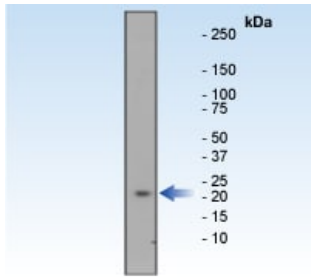
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab32060の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/50. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (3)	1/1000. Detects a band of approximately 22 kDa (predicted molecular weight: 22 kDa).
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		1/50.
ICC/IF		1/100.

## 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

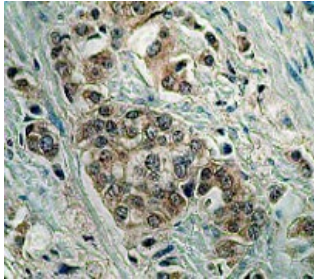


Western blot - Anti-Bid antibody [Y8] (ab32060)

Anti-Bid antibody [Y8] (ab32060) at 1/1000 dilution + Jurkat cell lysate

**Predicted band size:** 22 kDa

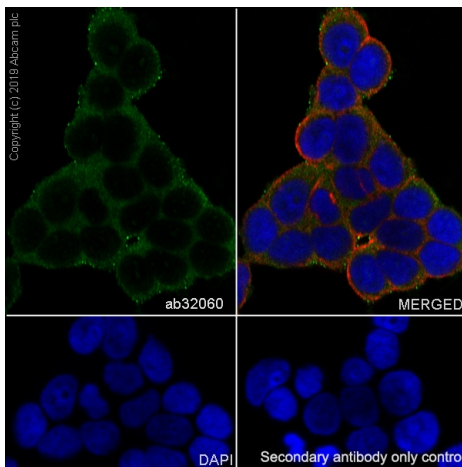
**Observed band size:** 22 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Bid antibody [Y8] (ab32060)

Immunohistochemical analysis of paraffin-embedded human prostate carcinoma using ab32060 at 1/100 dilution.

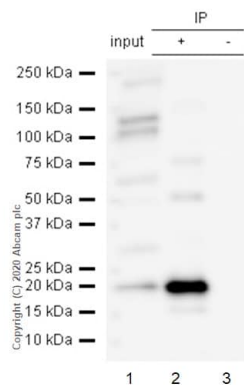
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-Bid antibody [Y8] (ab32060)

Immunocytochemistry analysis of MCF7 (human breast adenocarcinoma epithelial cell) labeling Bid with purified ab32060 at 1/500 dilution (10 µg/ml). Cells were fixed with 100% methanol. Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)) at 1/1000 (2 µg/ml) was used as the secondary antibody. [ab195889](#) Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1/200 (2.5 µg/ml) was used as counterstain. Nuclei were stained blue with DAPI.

Negative control: PBS instead of the primary antibody.



Immunoprecipitation - Anti-Bid antibody [Y8]  
(ab32060)

Purified ab32060 at 1/50 dilution (2µg) immunoprecipitating Bid in Jurkat whole cell lysate.

Lane 1 (input): Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate 10µg

Lane 2 (+): ab32060 + Jurkat whole cell lysate.

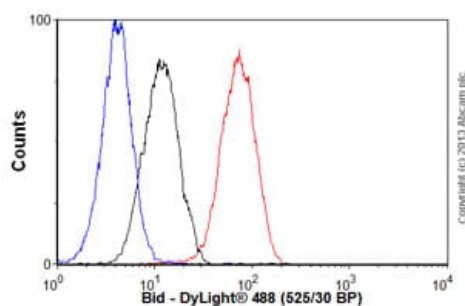
Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab32060 in Jurkat whole cell lysate.

VeriBlot for IP Detection Reagent (HRP) (**ab131366**) (1/1000 dilution) was used for Western blotting.

Blocking Buffer and concentration: 5% NFDm/TBST.

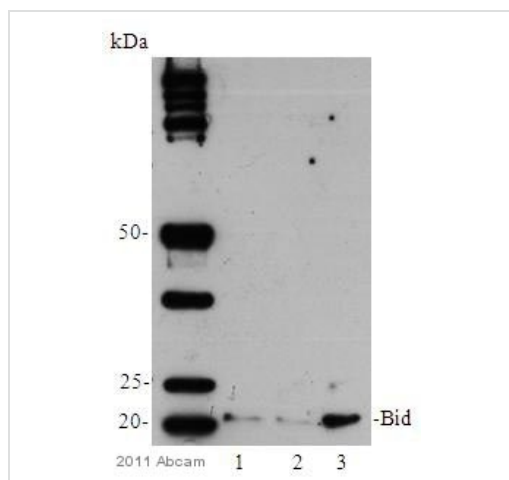
Diluting buffer and concentration: 5% NFDm/TBST.

Observed band size: 22 kDa



Flow Cytometry (Intracellular) - Anti-Bid antibody  
[Y8] (ab32060)

Overlay histogram showing HeLa cells stained with ab32060 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab32060, 1/100 dilution) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-rabbit IgG (H+L) (**ab96899**) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (1µg/1x10<sup>6</sup> cells) used under the same conditions. Unlabelled sample (blue line). Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter. This antibody gave a positive signal in HeLa cells fixed with 4% paraformaldehyde (10 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.



Western blot - Anti-Bid antibody [Y8] (ab32060)  
Image courtesy of an anonymous Abreview.

**All lanes :** Anti-Bid antibody [Y8] (ab32060) at 1/500 dilution

**Lanes 1-2 :** Whole cell lysate prepared from breast cancer clinical extract

**Lane 3 :** Whole cell lysate prepared from MCF7 cells

Lysates/proteins at 20 µg per lane.

#### Secondary

**All lanes :** Goat anti-rabbit IgG-HRP at 1/1000 dilution





Developed using the ECL technique.

**Predicted band size:** 22 kDa

**Observed band size:** 22 kDa

**Exposure time:** 25 minutes

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-Bid antibody [Y8] (ab32060)

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