Product datasheet

Anti-BI-1 antibody ab18852

Overview

Product name: Anti-BI antibody
Description: Rabbit polyclonal to BI-1
Host species: Rabbit
Specificity: ab18852 recognises Bax inhibitor.
Tested applications: Suitable for: ICC/IF, WB
Species reactivity: Reacts with: Mouse, Rat, Human
Immunogen: Synthetic peptide corresponding to Human BI-1.
Positive control: Rat testis tissue lysate
General notes: Previously labelled as Bax inhibitor 1.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer: Preservative: 0.02% Thimerosal (merthiolate)
Constituents: 50% Glycerol, 1% BSA, PBS, pH 7.2
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab18852 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<td>ICC/IF</td>
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<td>Use a concentration of 5 µg/ml.</td>
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**Function**
Suppressor of apoptosis.

**Tissue specificity**
Highly abundant in testis.

**Sequence similarities**
Belongs to the BI1 family.

**Cellular localization**
Membrane.

**Western blot - Anti-BI-1 antibody (ab18852)**

| Predicted band size: | 26 kDa |
| Observed band size:  | 22 kDa |

**why is the actual band size different from the predicted?**

**Immunocytochemistry/ Immunofluorescence - Anti-BI-1 antibody (ab18852)**

ICC/IF image of ab18852 stained HepG2 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab18852, 5µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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