

Datasheet for ABIN6243511
anti-BCL2L10 antibody (AA 89-123)

3 Images

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Overview

| | |
|----------------------|---|
| Quantity: | 200 µL |
| Target: | BCL2L10 |
| Binding Specificity: | AA 89-123 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This BCL2L10 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS) |

Product Details

| | |
|---------------|---|
| Immunogen: | This BCL2L10 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 89-123 amino acids from the Central region of human BCL2L10. |
| Clone: | RB57389 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|--|
| Target: | BCL2L10 |
| Alternative Name: | BCL2L10 (BCL2L10 Products) |
| Background: | Promotes cell survival. Suppresses apoptosis induced by BAX but not BAK. |

Target Details

| | |
|-------------------|---|
| Molecular Weight: | 23204 |
| UniProt: | Q9HD36 |
| Pathways: | Positive Regulation of Endopeptidase Activity |

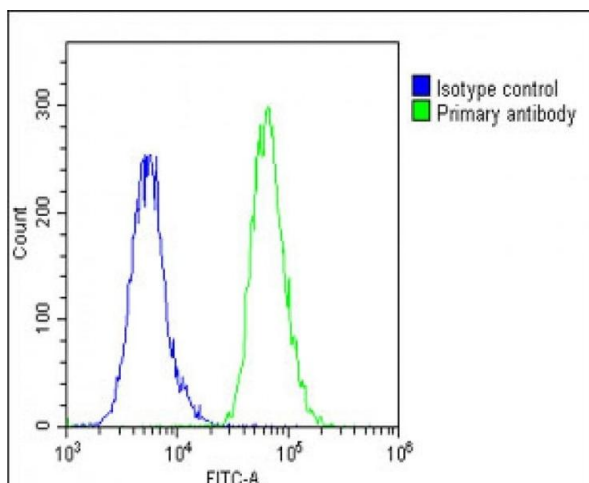
Application Details

| | |
|--------------------|--------------------------------|
| Application Notes: | IF: 1:25. WB: 1:2000. FC: 1:25 |
| Restrictions: | For Research Use only |

Handling

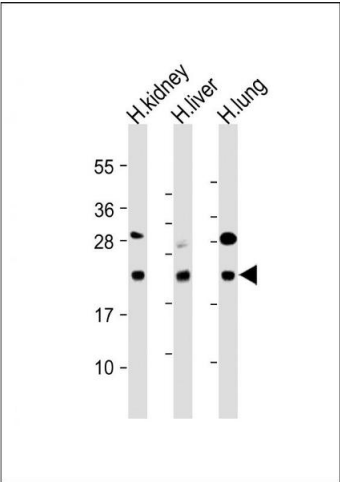
| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Expiry Date: | 6 months |

Images



Flow Cytometry

Image 1. Overlay histogram showing A549 cells stained with (ABIN6243511 and ABIN6578850)(green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6243511 and ABIN6578850), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition



of >10,000 events was performed.

Western Blotting

Image 2. All lanes : Anti-BCL2L10 Antibody (Center) at 1:2000 dilution Lane 1: Human kidney lysate Lane 2: Human liver lysate Lane 3: Human lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 22 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.

Immunofluorescence

Image 3. Immunofluorescent analysis of 4 % paraformaldehyde-fixed, 0.1 % Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling BCL2L10 with (ABIN6243511 and ABIN6578850) at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG (NK179883) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm and nucleus staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (PD18466410) at 1/100 dilution (red). The nuclear counter stain is DI (blue).