abcam

ab233641

Anti-BCL2L10 antibody [8A2F9]

Mouse Monoclonal BCL2L10 antibody. Suitable for Flow Cyt, WB, IHC-P, ICC/IF and reacts with Human samples. Cited in 1 publication. Immunogen corresponding to Recombinant Fragment Protein within Human BCL2L10 aa 1-200.

Image updates are in progress. Products remain available and covered by the Abcam Product Promise. Learn more.

Key facts

Isotype	IgG1
Host species	Mouse
Storage buffer	Preservative: 0.05% Sodium azide Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Fragment Protein within Human BCL2L10 aa 1-200. The exact immunogen used to generate this antibody is proprietary information. Database link Q9HD36
Clone number	8A2F9
Purification technique	Affinity purification Protein G
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Flow Cyt

Tested

Species	Human

Dilution info	1/200 - 1/400
Notes	-

WB

Tested

Species	Human
Dilution info	1/500 - 1/2000
Notes	-

IHC-P

Tested

Species	Human
Dilution info	1/200 - 1/1000
Notes	-

ICC/IF

Tested

Species	Human
Dilution info	1/200 - 1/1000
Notes	-

Target data

See full target information BCL2L10

Function	Promotes cell survival by suppressing apoptosis induced by BAX but not BAK (PubMed:11278245, PubMed:11689480). Increases binding of AHCYL1/IRBIT to ITPR1 (PubMed:27995898). Reduces ITPR1-mediated calcium release from the endoplasmic reticulum cooperatively with AHCYL1/IRBIT under normal cellular conditions (PubMed:27995898). Under apoptotic stress conditions, dissociates from ITPR1 and is displaced from mitochondria-associated endoplasmic reticulum membranes, leading to increased Ca(2+) transfer to mitochondria which promotes apoptosis (PubMed:27995898). Required for the correct formation of the microtubule organizing center during oocyte cell division, potentially via

regulation of protein abundance and localization of other microtubule organizing center components such as AURKA and TPX2 (By similarity).

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

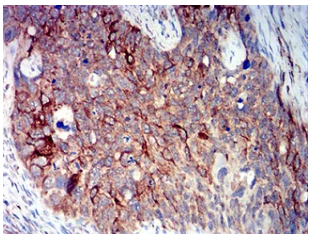
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

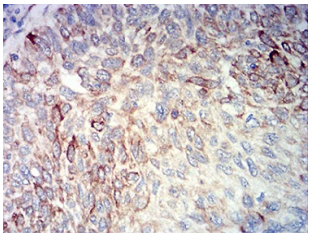
4 product images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BCL2L10 antibody [8A2F9] (ab233641)

BCL2L10 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using mouse Anti-BCL2L10 antibody

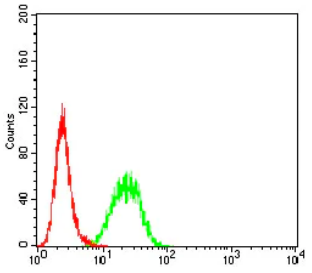
Paraffin-embedded human cervical cancer tissue stained for BCL2L10 using ab233641 at 1/200 dilution in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BCL2L10 antibody [8A2F9] (ab233641)

BCL2L10 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using mouse Anti-BCL2L10 antibody

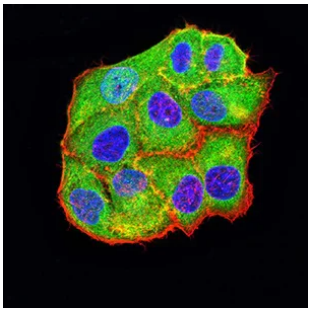
Paraffin-embedded human lung cancer tissue stained for BCL2L10 using ab233641 at 1/200 dilution in immunohistochemical analysis.



Flow Cytometry - Anti-BCL2L10 antibody [8A2F9] (ab233641)

BCL2L10 Flow Cytometry staining using mouse Anti-BCL2L10 antibody

Flow cytometric analysis of HeLa (human epithelial cell line from cervix adenocarcinoma) cell line labeling BCL2L10 with ab233641 at 1/200 dilution (green) compared with a negative control (red).



Immunocytochemistry/ Immunofluorescence - Anti-BCL2L10 antibody [8A2F9] (ab233641)

BCL2L10 Immunocytochemistry/ Immunofluorescence staining using mouse Anti-BCL2L10 antibody

HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for BCL2L10 (green) using ab233641 at 1/200 dilution in ICC/IF.
Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.