

[KO Validated] Bax Monoclonal Antibody

CAB20227

Description

This [KO Validated] Bax Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB20227
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: BCL2L4, ax
Clone: ARC5006-10
Applications: WB IF/ICC IP ELISA
Conjugation: Unconjugated
Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 581
Uniprot: RRID: AB_3663017
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 21kDa
Calculated MW: 21kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

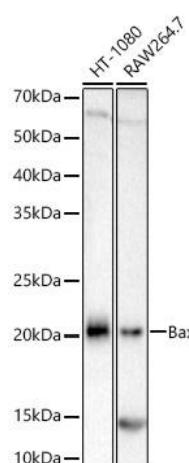
Positive Sample: 293T, HT-1080, RAW264.7

Recommended Dilutions:

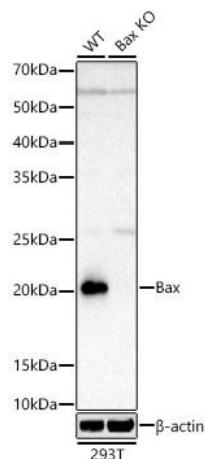
WB	1:2000 - 1:10000
IF/ICC	1:100 - 1:2000
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

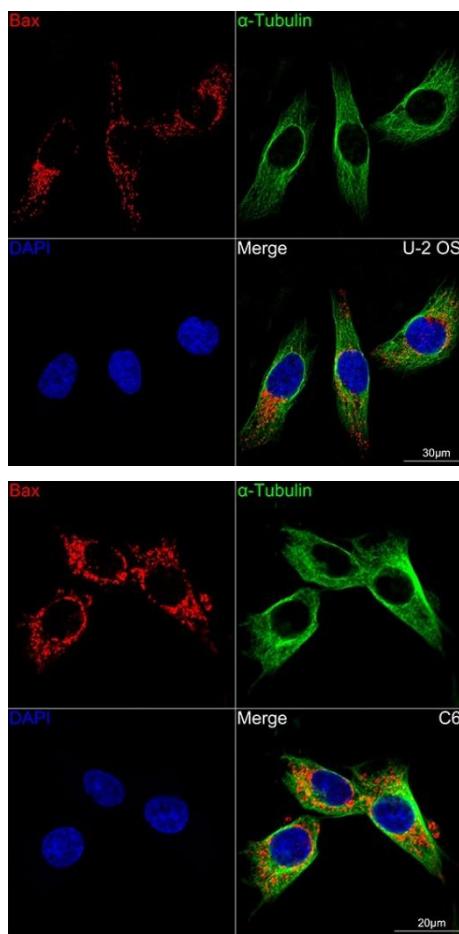
Validation Data



Western blot analysis of various lysates, using [KO Validated] Bax Rabbit mAb (CAB20227) at 1:10000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Western blot analysis of lysates from wild type(WT) and Bax knockout (KO) 293T cells, using [KO Validated] Bax Rabbit mAb (CAB20227) at 1:10000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Confocal imaging of U-2 OS cells using [KO Validated] Bax Rabbit mAb (CAB20227, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (CABC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

Confocal imaging of cells using [KO Validated] Bax Rabbit mAb (CAB20227, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (CABC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.