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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-BAX [3C10] Bulk Size Ab03962-23.0-BT

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 3C10

Alternative Name(s) of Target: Apoptosis regulator BAX; Bcl-2-like protein 4 (Bcl2-L-4)

UniProt Accession Number of Target Protein: Q07812

Published Application(s): crystallography, IP, WB, ELISA

Published Species Reactivity: Human

Immunogen:

Specificity: The antibody is specific for Bax. It recognizes a peptide encompassing residues 31–45 at the start of Bax a1–a2 loop (AAs RAGRM).

Application Notes: The specificity of the antibody for Bax was determined by ELISA analysis. The antibody was able to bind to mitochondrial Bax and WT Bax by western blot analysis. The antibody immunoprecipitated Bax (Iyer et al., 2016; PMID: 27217060). The crystal structure of the Fab fragment in complex with BAX was determined. The antibody activates mitochondrial Bax, but blocks translocation of cytosolic Bax (Robin et al., 2018; PMID: 30122452).

Antibody First Published in: Robin et al. Identification of an activation site in Bak and mitochondrial Bax triggered by antibodies. Nat Commun. 2016 May 24;7:11734. doi: 10.1038/ncomms11734. [PMID:2721706](#)

Note on publication: The original paper describes a panel of antibodies that activates Bak and mitochondrial Bax.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.