

Nur für Forschungszwecke

# BAX Monoklonaler Antikörper

Katalog-Nr.:CL594-60267



## Allgemeine Informationen

|   |   |   |
|---|---|---|
| <b>Katalog-Nr.:</b><br>CL594-60267  | <b>GenBank-Zugangsnummer:</b><br>BC014175                                 | <b>Reinigungsmethode:</b><br>Protein-A-Reinigung                        |
| <b>Größe:</b><br>100ul , Konzentration: 1600 µg/ml von581<br>Nanodrop und 1600 µg/ml durch die<br>Bradford-Methode mit BSA als<br>Standard; | <b>GeneID (NCBI):</b><br>Vollständiger Name:<br>BCL2-associated X protein | <b>CloneNo.:</b><br>4G5E8   |
| <b>Wirt:</b><br>Maus  | <b>Berechnete Masse:</b><br>21 kDa  | <b>Anregungs-/Emissionsmaxima-<br/>Wellenlängen:</b><br>588 nm / 604 nm |
| <b>Isotyp:</b><br>IgG2b   | <b>Beobachtete Masse:</b><br>21 kDa                                       |   |
| <b>Immunogen Katalognummer:</b><br>AG21068  |   |   |

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human, Maus, Ratte

## Hintergrundinformationen

BAX, also named as BCL2L4, is a pro-apoptotic member of the Bcl-2 protein family, which plays a pivotal role in controlling cell life and death. Bax largely localizes to the cytoplasm of healthy cells, but accumulates on the outer mitochondrial membrane upon apoptosis induction (PMID: 9108035). BAX can commit a cell to apoptosis by translocation from the cytosol to the mitochondria and permeabilization of the outer mitochondrial membrane, which leads to the release of cytochrome c from mitochondria (PMID: 21763611). The expression of BAX is upregulated by the tumor suppressor protein p53, and BAX has been shown to be involved in p53-mediated apoptosis (PMID: 8183579).

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

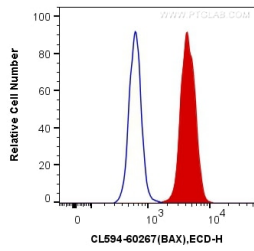
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> Ramos cells were intracellularly stained with 0.4 ug CoraLite® 594 Anti-Human BAX (CL594-60267, Clone:4G5E8) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL594-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).