

Product Name: Bax (2B12) Mouse Monoclonal Antibody
Catalog #: AMM03509



Summary

Production Name	Bax (2B12) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2a
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	BAX
Alternative Names	Apoptosis regulator BAX; BAX; Bcl-2-like protein 4; BCL2-associated X protein; Bcl2-L-4; BCL2L4
Gene ID	581
SwissProt ID	Q07812.

Application

Dilution Ratio	WB: 1:500-1:1000
Molecular Weight	Calculated MW: 21 kDa; Observed MW: 21 kDa

Background

Bax is a key component for cellular induced apoptosis through mitochondrial stress. Upon apoptotic stimulation, Bax forms

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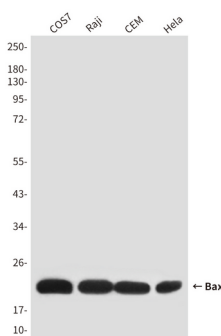


oligomers and translocates from the cytosol to the mitochondrial membrane. Through interactions with pore proteins on the mitochondrial membrane, Bax increases the membrane's permeability, which leads to the release of cytochrome c from mitochondria, activation of caspase-9 and initiation of the caspase activation pathway for apoptosis.

Research Area

Cell Biology

Image Data



Western blot analysis of Bax in COS7, Raji, CEM and HeLa lysates using Bax antibody.

Note

For research use only.