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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BAX monoclonal antibody (M01), clone 1F5-1B7

Catalog # : H00000581-M01

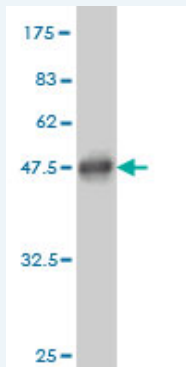
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant BAX.
Immunogen:	BAX (AAH14175, 1 a.a. ~ 192 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MDGSGEQPRGGGPTSSSEQIMKTGALLLQGFQDRAGRMGGEAPELALDPVPQDASTKKLSECLKRIGDELDSNMELQRMIAAVDTDSPREVFRRVADMFSDGNFNWGRVVALFYFASKLVLKALCTKVPPELIRTIMGWTLDFLERLLGWIQDQGGWDGLLSYFGTPTWQTATIFVAGVLTASLTWKKMG
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2b Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (46.86 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

- [p53 is positively regulated by miR-542-3p.](#)
Wang Y, Huang JW, Castella M, Huntsman DG, Taniguchi T *Cancer Res.* 2014 Apr 24.

Applications

Western Blot (Recombinant protein)

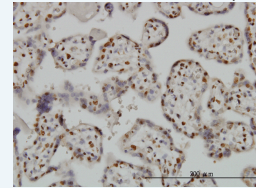
[Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Application Image

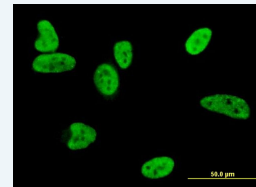
Western Blot (Recombinant protein)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



[enlarge](#)

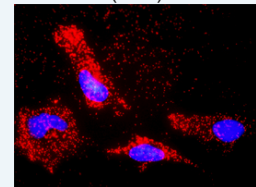
Immunofluorescence



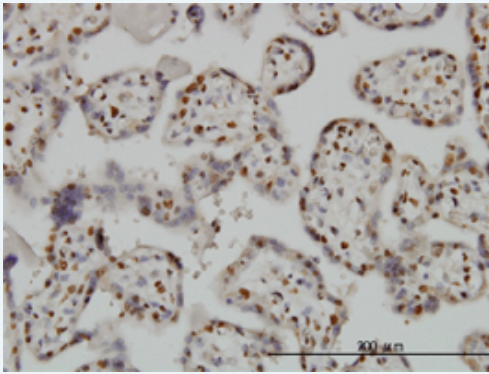
[enlarge](#)

ELISA

In situ Proximity Ligation Assay (Cell)



[enlarge](#)

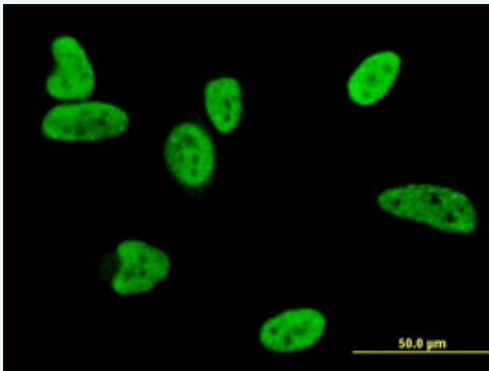


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to BAX on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Immunofluorescence



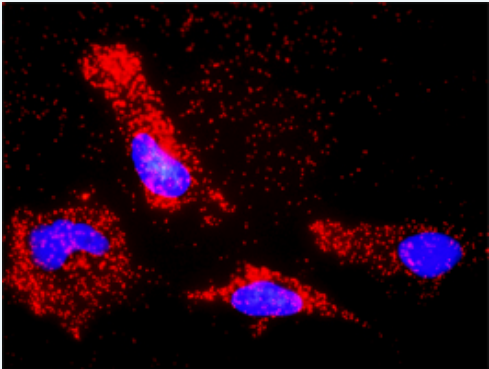
[enlarge this image](#)

Immunofluorescence of monoclonal antibody to BAX on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

ELISA

In situ Proximity Ligation Assay (Cell)



Proximity Ligation Analysis of protein-protein interactions between BCL2L1 and BAX. HeLa cells were stained with anti-BCL2L1 rabbit purified polyclonal 1:1200 and anti-BAX mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Information

Entrez GeneID: [581](#)

GeneBank [BC014175](#)
Accession#:

Protein [AAH14175](#)
Accession#:

Gene Name: BAX

Gene Alias: BCL2L4

Gene Description: BCL2-associated X protein

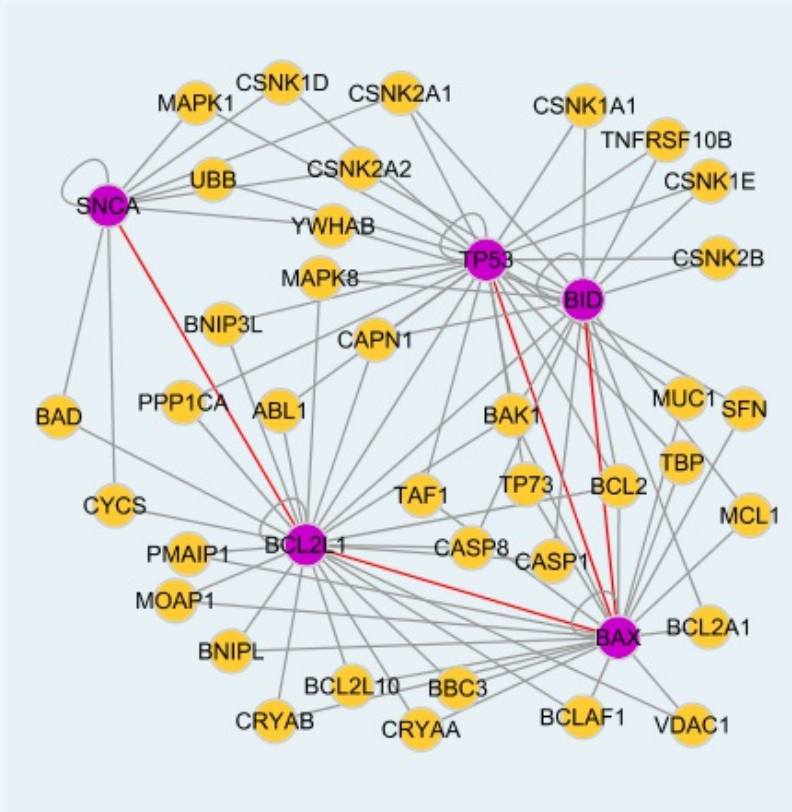
Omim ID: [600040](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene. [provided by RefSeq]

Other Designations: apoptosis regulator BAX

Interactome



Gene Pathway

[Amyotrophic lateral sclerosis \(ALS\)](#) [Apoptosis](#) [Colorectal cancer](#) [Huntington's disease](#) [Neurotrophin signaling pathway](#) [p53 signaling pathway](#) [Pathways in cancer](#) [Prion diseases](#)

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