

# Bax Monoclonal Antibody (2D2), Biotin

Product Details	
Size	500 µL
Species	Human
Published Species	Rat, Human
Expression System	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	2D2
Conjugate	Biotin
Immunogen	A synthetic peptide, aa 3-16 (Cys-GSGEQPRGGGPTSS) of human bax protein. This amino acid sequence is NOT shared by mouse and rat bax protein.
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage Conditions	4° C
RRID	AB_10985907

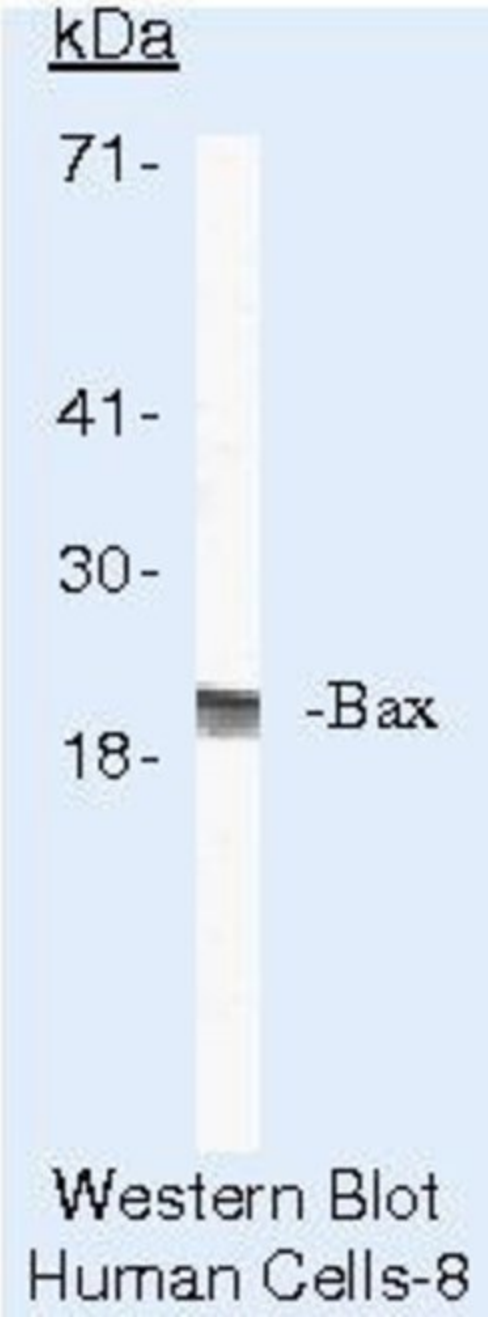
Applications	Tested Dilution	Publications
Immunofluorescence (IF)	Assay Dependent	-
Immunohistochemistry (Paraffin) (IHC (P))	2-4 µg/mL	-
Western Blot (WB)	1 µg/mL	15 Publications
Immunocytochemistry (ICC)	-	2 Publications
Immunohistochemistry (IHC)	-	26 Publications

## Product Specific Information

MA5-13991 targets Bax in IF, IHC (P), and WB applications and shows reactivity with Human samples.

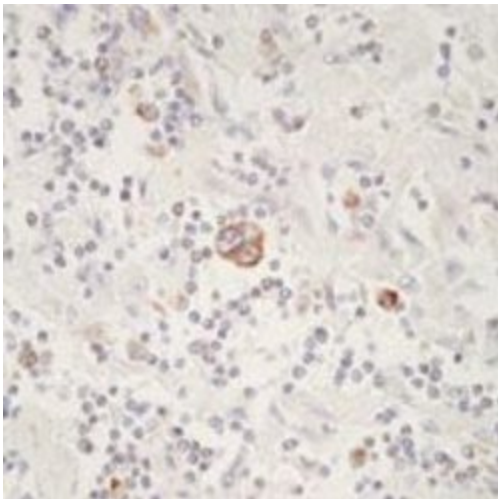
The MA5-13991 immunogen is a synthetic peptide, aa 3-16 (Cys-GSGEQPRGGGPTSS) of human bax protein. This amino acid sequence is NOT shared by mouse and rat bax protein.

## Product Images For Bax Monoclonal Antibody (2D2), Biotin



### Bax Antibody (MA5-13991) in WB

Western blot of Bax using Bax Monoclonal Antibody (Product # MA5-13991) on HeLa Cells.



### Bax Antibody (MA5-13991) in IHC

Formalin-fixed, paraffin-embedded human Hodgkin's lymphoma stained with Bax antibody using peroxidase-conjugate and DAB chromogen. Note membrane staining of Reed-Sternberg cells.

## 43 References

### Immunocytochemistry (2)

#### Molecular medicine reports

#### Protective effect of grape seed extract against cadmium-induced testicular dysfunction.

"MA5-13991 was used in Immunohistochemistry to examine the ameliorative effects of grape seed extract on cadmium chloride-induced testicular dysfunction in Wistar rats."

Authors: Alkhedaide A, Alshehri ZS, Sabry A, Abdel-Ghaffar T, Soliman MM, Attia H

**Species**  
Rat

**Dilution**  
1:1,000

**Year**  
2016

#### Ophthalmic research

#### Modulation of Ku70/80, clusterin/ApoJ isoforms and Bax expression in indocyanine-green-mediated photo-oxidative cell damage.

"MA5-13991 was used in immunocytochemistry to study the molecular mechanisms underlying indocyanine-green-mediated photo-oxidative cell damage"

Authors: Ricci F, Pucci S, Sesti F, Missiroli F, Cerulli L, Spagnoli LG

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2007

### Immunohistochemistry (26)

#### Toxicology and industrial health

#### The protective effects of carnosine in alcohol-induced hepatic injury in rats.

"MA5-13991 was used in immunohistochemistry to study the mechanisms underlying the protective effects of carnosine in a rat model of alcohol-induced liver damage"

Authors: Baykara B, Micili SC, Tugyan K, Tekmen I, Bagriyanik H, Sonmez U, Sonmez A, Oktay G, Yener N, Ozbal S

**Species**  
Rat

**Dilution**  
1:100

**Year**  
2014

#### Cancer

#### Combination of molecular alterations and smoking intensity predicts bladder cancer outcome: a report from the Los Angeles Cancer Surveillance Program.

"MA5-13991 was used in immunohistochemistry to study the value of a panel of 9 biomarkers plus smoking intensity in predicting the outcome of bladder cancer"

Authors: Mitra AP, Castelao JE, Hawes D, Tsao-Wei DD, Jiang X, Shi SR, Datar RH, Skinner EC, Stein JP, Groshen S, Yu MC, Ross RK, Skinner DG, Cortessis VK, Cote RJ

**Species**  
Human

**Dilution**  
1:400

**Year**  
2013

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### More applications with references on thermofisher.com

## WB (15)

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