

Caspase 3 Recombinant Rabbit Monoclonal Antibody (9H19L2)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Rat, Pig, Human, Mouse
Host/Isotype	Rabbit / IgG
Expression system	Expi293
Class	Recombinant Monoclonal
Type	Antibody
Clone	9H19L2
Conjugate	Unconjugated
Immunogen	A peptide corresponding to amino acids 171-175 of P42574.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2532293

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.2 µg/mL	13 Publications
Immunohistochemistry (IHC)	-	7 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:50	3 Publications
Immunocytochemistry (ICC/IF)	1-2 µg/mL	7 Publications

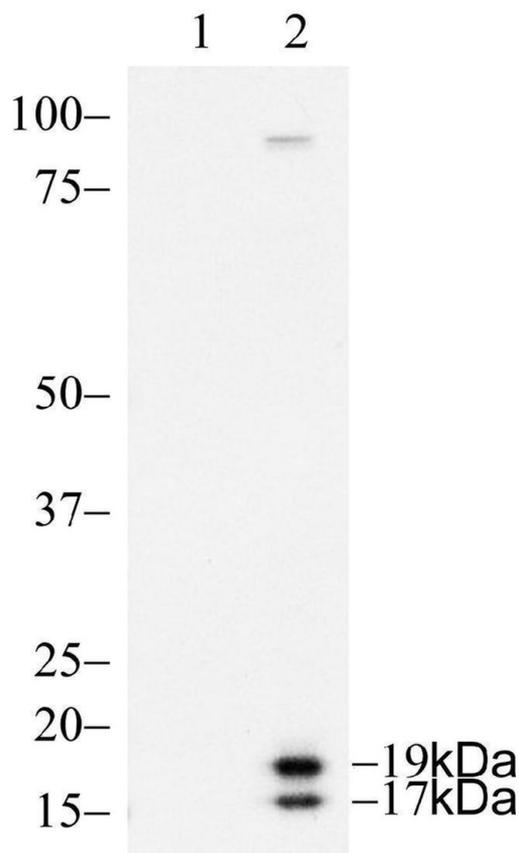
Product Specific Information

This antibody is predicted to react with bovine, canine, feline, hamster, mouse, primate, pufferfish, rabbit, rat, porcine and Xenopus based on sequence homology.

Intact IgG appears on a non-reducing gel as ~150 kDa band and upon reduction generating a ~25 kDa light chain band and a ~50 kDa heavy chain.

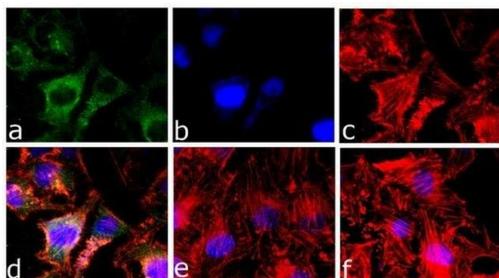
Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For Caspase 3 Recombinant Rabbit Monoclonal Antibody (9H19L2)



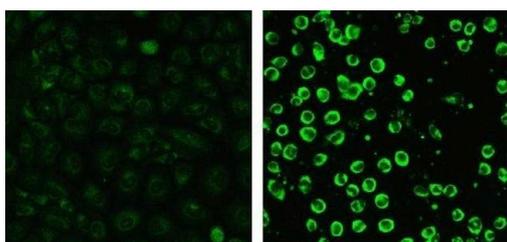
Caspase 3 Antibody (700182)

Modulation of expression of target protein by cell treatment to demonstrate antibody specificity. Western blotting analysis of Caspase 3 using Anti-Caspase 3 Antibody (9H19L2), Recombinant Rabbit Monoclonal (Product # 700182) shows increased expression of Caspase 3 (cleaved forms) in Jurkat cells treated with Staurosporine. {TM}



Caspase 3 Antibody (700182)

Modulation of expression of target protein by cell treatment to demonstrate antibody specificity. Immunofluorescence analysis of Caspase 3 using Anti-Caspase 3 Antibody (9H19L2), Recombinant Rabbit Monoclonal (Product # 700182) shows increased expression of Caspase 3 in HeLa cells treated with Staurosporine. {TM}



Caspase 3 Antibody (700182)

Modulation of expression of target protein by cell treatment to demonstrate antibody specificity. Immunofluorescence analysis of Caspase 3 using Anti-Caspase 3 Antibody (9H19L2), Recombinant Rabbit Monoclonal (Product # 700182) shows increased expression of Caspase 3 in A549 cells treated with Staurosporine. {TM}

[View more figures on thermofisher.com](https://www.thermofisher.com)

30 References

Western Blot (13)

Antioxidants (Basel, Switzerland)

Recombinant Photolyase-Thymine Alleviated UVB-Induced Photodamage in Mice by Repairing CPD Photoproducts and Ameliorating Oxidative Stress.

"Published figure using Caspase 3 recombinant monoclonal antibody (Product # 700182) in Western Blot"

Authors: Wang Z,Li Z,Lei Y,Liu Y,Feng Y,Chen D,Ma S,Xiao Z,Hu M,Deng J,Wang Y,Zhang Q,Huang Y,Yang Y

Year
2022

Physiological research

miR-431-5p regulates apoptosis of cardiomyocytes after acute myocardial infarction via targeting selenoprotein T.

"700182 was used in Western Blotting to show that the expression of miR-431-5p in AMI myocardial tissues and H/R-induced HL-1 cardiomyocytes was significantly increased."

Authors: Geng H,Chen L,Su Y,Xu Q,Fan M,Huang R,Li X,Lu X,Pan M

Year
2022

Species
Mouse

[View more WB references on thermofisher.com](#)

Immunohistochemistry (7)

International journal of nanomedicine

Lipid-Based Self-Microemulsion of Niclosamide Achieved Enhanced Oral Delivery and Anti-Tumor Efficacy in Orthotopic Patient-Derived Xenograft of Hepatocellular Carcinoma in Mice.

"Published figure using Caspase 3 recombinant monoclonal antibody (Product # 700182) in Immunohistochemistry"

Authors: Liu Y,Guerrero DQ,Lechuga-Ballesteros D,Tan M,Ahmad F,Alewi B,Ellsworth EL,Chen B,Chua MS,So S

Year
2024

Frontiers in neuroanatomy

HERC1 Ubiquitin Ligase Is Required for Hippocampal Learning and Memory.

"700182 was used in Immunohistochemistry to study the tbi hippocampus using behavioral tests, ex vivo electrophysiological recordings, immunohistochemistry, the Golgi-Cox method and transmission electron microscopy."

Authors: Pérez-Villegas EM,Pérez-Rodríguez M,Negrete-Díaz JV,Ruiz R,Rosa JL,de Toledo GA,Rodríguez-Moreno A, Armengol JA

Year
2023

Species
Mouse

Dilution
1:4000

[View more IHC references on thermofisher.com](#)

More applications with references on thermofisher.com

IHC (P) (3)

ICC/IF (7)

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