Caspase-7 monoclonal antibody (7-1-11)

The caspases are a family of cysteine proteases that cleave after certain aspartate residues, and are primarily recognized as mediators of apoptosis. caspases are synthesized as inactive zymogens that can be cleaved to form active enzymes following the induction of apoptosis by stress or death receptors. Initiator caspases (e.g. caspase-8 and -10) are activated by dimerization of the zymogen on a dedicated adaptor protein. These activated initiator caspases in-turn cleave downstream effector or executioner caspases (e.g. caspase-3, -6, and -7) in a cascade-like manner, which cleave key cellular proteins that lead to the morphological changes associated with apoptotic cell death.

This antibody is covered by our Worry-Free Guarantee.

Citations: 4 View Online »

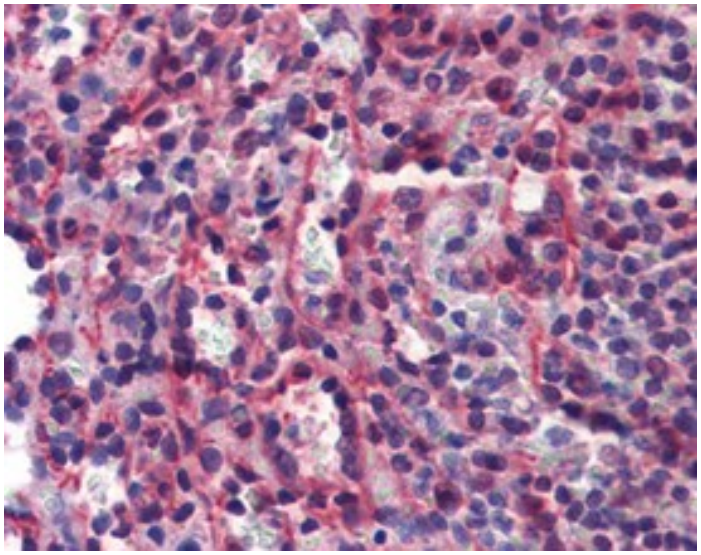
Ordering Information

Order Online »

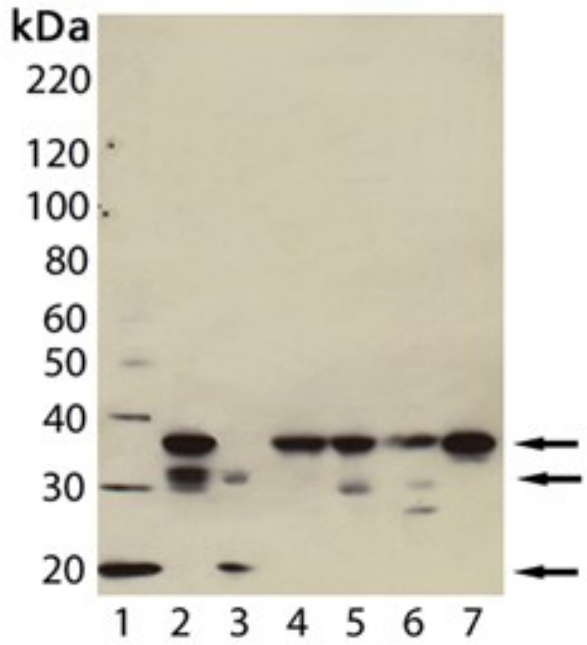
ADI-AAM-127-E	100µg

Manuals, SDS & CofA

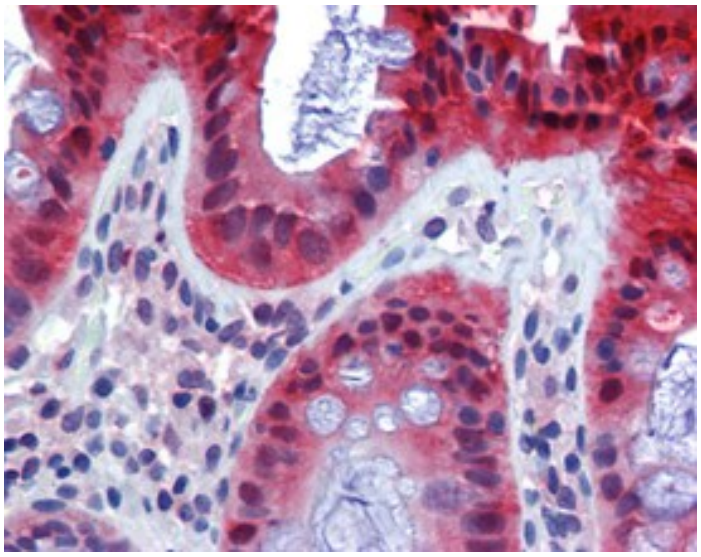
View Online »



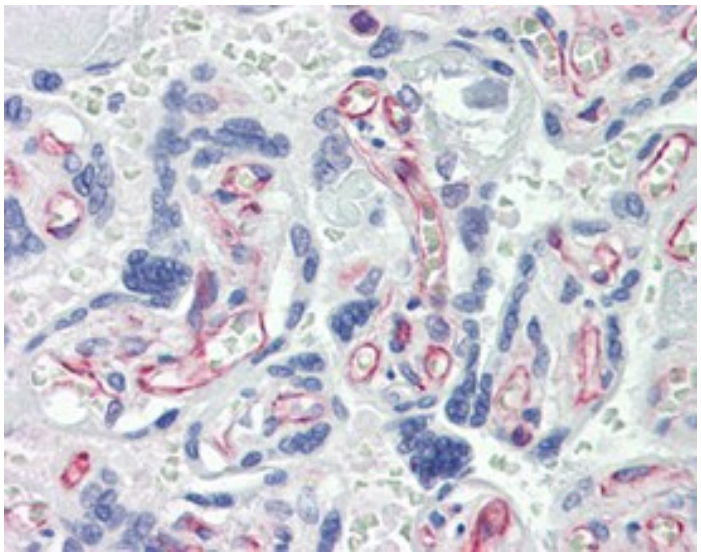
IHC Analysis: Human spleen tissue stained with Caspase-7, mAb (7-1-11) at 10µg/ml.



Western blot analysis of Caspase-7, mAb (7-1-11) (Prod. No. ADI-AAM-127): Lane1: MW Marker; Lane 2: Jurkat (Prod. No.ADI-LYC-JK100); Lane 3: Jurkat plus Staurosporine; Lane 4: HeLa (Prod. No. ADI-LYC-HL100); Lane 5: HeLa plus Nocodazole; Lane 6: 3T3 (Prod. No. ADI-LYC-3T100); Lane 7: PC-12 (Prod. No. ADI-LYC-PC100).



IHC Analysis: Human colon tissue stained with Caspase-7, mAb (7-1-11) at 10µg/ml.



IHC Analysis: Human placenta tissue stained with Caspase-7, mAb (7-1-11) at 10µg/ml.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	IHC (PS), WB
Application Notes	Immunohistochemistry (paraffin sections) Western Blot (0.2µg/ml, ECL) Optimal conditions must be determined individually for each application.
Clone	7-1-11
Formulation	Liquid. In PBS, pH 7.2, containing 0.1mM PMSF.
Host	Mouse
Immunogen	Recombinant human Caspase-7 protein (full length) .
Isotype	IgG2b
Purity Detail	Protein G affinity purified.
Recommendation Dilutions/Conditions	Western Blot (0.2µg/ml, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from mouse ascites.
Species Reactivity	Dog, Hamster, Human, Monkey, Mouse, Porcine, Rabbit, Rat, Sheep
Specificity	Detects the unprocessed pro-caspase-7 (p35), caspase lacking the short amino-terminal pro-domain (p32) and fully processed caspase-7 (p19) in the apototic cell extract.

UniProt ID P55210

Worry-free Guarantee **This antibody is covered by our Worry-Free Guarantee .**

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.