Caspase-2 monoclonal antibody (4-1-5)

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.

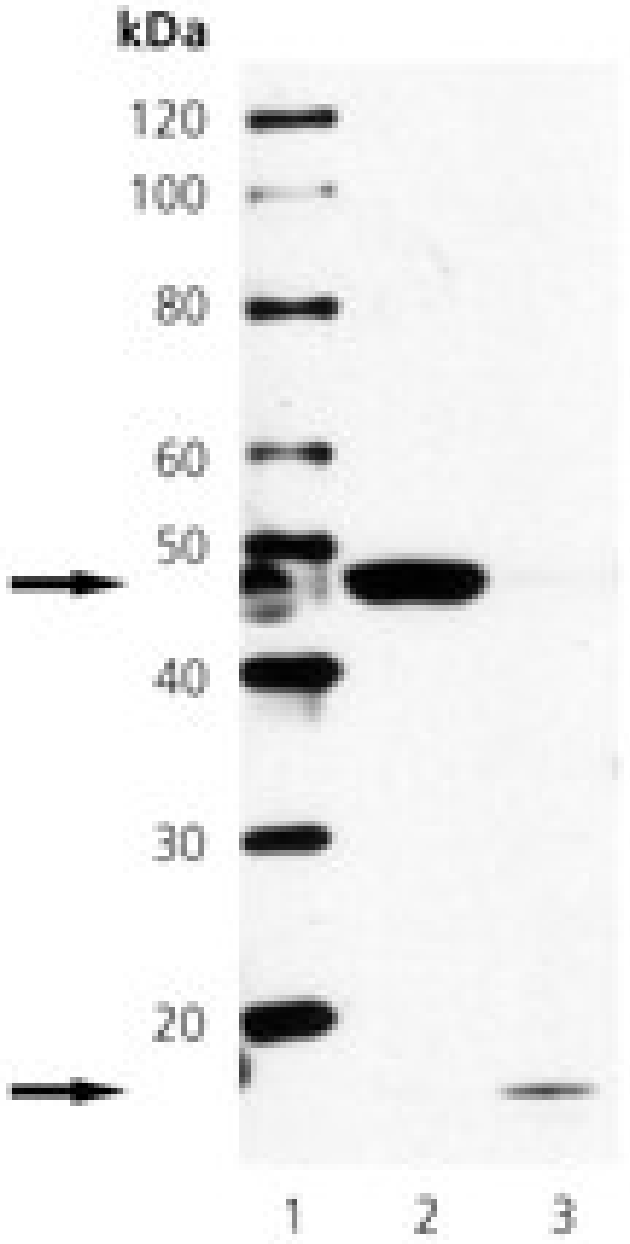
This antibody is covered by our Worry-Free Guarantee.

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ADI-905-685-100	100µg

Manuals, SDS & CofA View Online »



Western blot analysis of MW marker (1), Jurkat (2) and Jurkat + staurosporine (3) probed with Caspase 2 mAb (4-1-5)

Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Application	WB
Application Notes	Detects bands of ~47kDa (full length) and ~14kDa (cleaved) by Western blot.
Clone	4-1-5
Formulation	Liquid. In PBS, pH 7.2, containing 0.09% sodium azide and 50% glycerol.
Host	Mouse
Immunogen	Recombinant full length human Caspase-2.
Isotype	IgG1
Purity Detail	Protein G affinity purified.
Recommendation Dilutions/Conditions	Western Blot (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	Human
UniProt ID	P42575
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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