BAP31 monoclonal antibody (A1/182)

BAP31 (B cell receptor-associated protein 31) is an integral protein of the ER membrane that forms a large hetero-oligomeric complex with the related BAP29. The cytosolic domain of BAP31 contains two identical caspase recognition sites that are preferentially cleaved by initiator caspases, including caspase-8. After activation of cell surface death receptors, human BAP31 is cleaved into a membrane-embedded fragment called p20, which induces apoptosis when expressed ectopically. The p20 fragment can mediate Ca^{2+}-dependent apoptotic cross-talk between the ER and mitochondria, stimulating cytochrome c release. In addition to its role in apoptosis, BAP31 is a component of the ER quality control compartment and functions as a cargo receptor for ER export of transmembrane proteins such as cellubrevin, MHC class I molecules, and cytochrome P450 2C2.

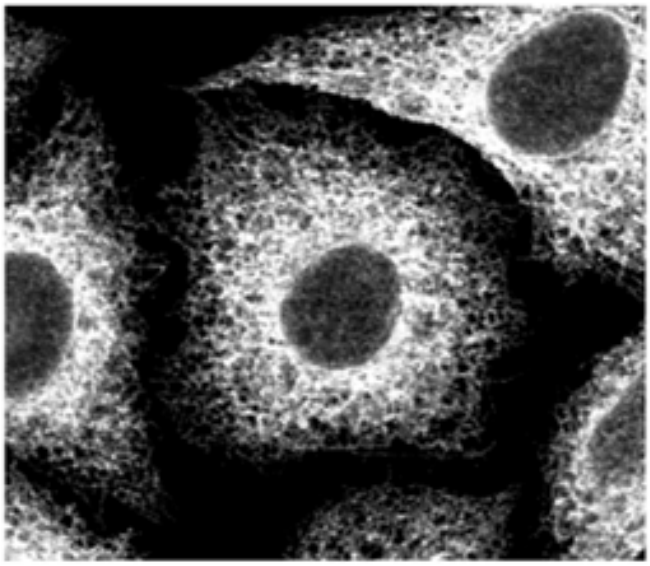
This antibody is covered by our Worry-Free Guarantee.

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ALX-804-601-C100	100µg

Manuals, SDS & CofA View Online »



Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	p28 BAP31, B cell receptor-associated protein BAP31, BCR-associated protein BAP31, CDM, DXS1357E, 6C6-AG tumor-associated antigen, BCAP31
Application	ELISA, Flow Cytometry, ICC, IHC (FS), IP, WB
Clone	A1/182
Formulation	Lyophilized. Protein G-affinity purified and gel filtrated (FPLC).
Host	Mouse
Immunogen	BAP31 (BCR associated protein BAP031) from Vero monkey cells.
Isotype	IgG2a
Recommendation Dilutions/Conditions	Immunocytochemistry (1:1,000)Immunoprecipitation (2µl)Western Blot (1:1,000)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Reconstitution	Reconstitute with 100µl PBS containing 0.1% sodium azide.
Species Reactivity	Human, Monkey
UniProt ID	P51572 (human)
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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