

Anti-Grb2 Antibody

Catalog # AN1805

Product Information

Application	WB, ICC, IP
Primary Accession	P62994
Host	Mouse
Clonality	Mouse Monoclonal
Isotype	IgG1
Clone Names	M331
Calculated MW	25206

Additional Information

Gene ID	81504
Other Names	Grb

Target/Specificity	Crk and Grb2 family adaptor proteins are involved in a variety of cell signaling pathways related to human diseases. These adaptors have Src homology 2 (SH2) and Src homology 3 (SH3) domains, which are docking sites for several signaling proteins, including receptors, kinases, and GTPase regulators. In addition, other protein-protein interactions may also utilize Crk and Grb2 domain interactions to modulate cell signaling pathways. The DOCK family of proteins (DOCK3, DOCK4, and DOCK5) can interact with Crk and may be important Crk effector proteins. The cell cycle regulator p27Kip1 can interact with Grb2, and this implicates Grb2 activity in cell signaling pathways that alter cell cycle progression.
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Dilution	WB~~1:1000 ICC~~N/A IP~~N/A
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Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
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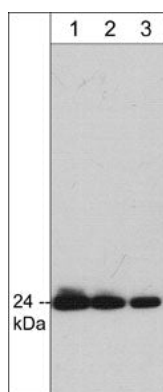
Precautions	Anti-Grb2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
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Shipping	Blue Ice
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Background

Crk and Grb2 family adaptor proteins are involved in a variety of cell signaling pathways related to human diseases. These adaptors have Src homology 2 (SH2) and Src homology 3 (SH3) domains, which are docking sites for several signaling proteins, including receptors, kinases, and GTPase regulators. In addition, other protein-protein interactions may also utilize Crk and Grb2 domain interactions to modulate cell signaling pathways. The DOCK family of proteins (DOCK3, DOCK4, and DOCK5) can interact with Crk and may be important Crk effector proteins. The cell cycle regulator p27Kip1 can interact with Grb2, and this implicates Grb2 activity in cell signaling pathways that alter cell cycle progression.

Images



Immunocytochemical labeling of Grb2 in rat PC12 cells differentiated with NGF. The cells were labeled with mouse monoclonal Grb2 (AN1805) antibody, then detected using appropriate secondary antibody conjugated to Cy3.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.