10320 Camino Santa Fe, Suite A
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Grb2 Antibody
Catalog # AN1805

Specification

Anti-Grb2 Antibody - Product Information

Application	**WB, IHC**
Primary Accession	P62994
Reactivity	**Bovine**
Host	**Mouse**
Clonality	**Mouse Monoclonal**
Isotype	**IgG1**
Calculated MW	**25206**

Anti-Grb2 Antibody - 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 addltion, 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.

Dilution
WB~~1:1000
IHC~~1:100~500

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.

Precautions
Anti-Grb2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping
Blue Ice

Anti-Grb2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

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- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Grb2 Antibody - Images

Immunocytochemical labeling of Grb2 in rat PC12 cells differentiated with NGF. The cells were labeled with mouse monoclonal Grb2 (GM3311) antibody, then detected using appropriate secondary antibody conjugated to Cy3.

Anti-Grb2 Antibody - Background

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