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Product Data Sheet

Purified anti-GRASP65

Catalog # / Size: 621001 / 50 µl
621002 / 200 µl

Clone: Poly6210

Isotype: Rabbit Polyclonal

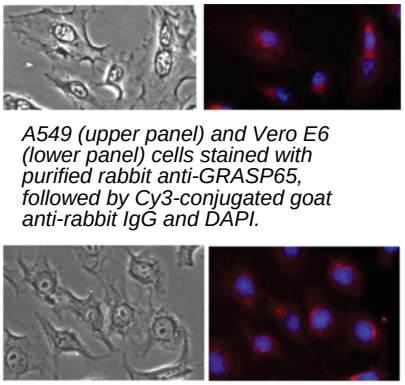
Immunogen: Recombinant (partial)

Reactivity: Human

Preparation: The antibody was purified by antigen-affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol.

Storage: Upon receipt, store frozen at -20° C.



A549 (upper panel) and Vero E6 (lower panel) cells stained with purified rabbit anti-GRASP65, followed by Cy3-conjugated goat anti-rabbit IgG and DAPI.

Applications:

Applications: IF - *Quality tested*

Recommended Usage: Immunofluorescence staining, suggested working dilution(s): 1:400 dilution.

Description: GRASP65 (golgi reassembly stacking protein 1, Golgi peripheral membrane protein p65, reassembly and stacking protein p65) is a 65 kD Golgi stacking protein. Alternatively spliced transcripts of GRASP65 have been identified. This protein is thought to play a role in establishing the stacked structure of the Golgi cisternae allowing sorting and modification of proteins exported from the endoplasmic reticulum. GRASP65 is cleaved by caspase-3 during apoptosis and can be partitioned by fragmentation and dispersal during entry into mitosis. GRASP65 is modified by phosphorylation (polo-like kinase-1 and cdc2-cyclin B). This protein has been shown to form a complex with the Golgi matrix protein GOLGA2; this complex then interacts with the vesicle docking protein p115,and tethering factor GM130.

Antigen References:
1. Lane JD, *et al.2002. J. Cell. Biol. 156:495.*
2. Lin CY, et al. 2000. P. Natl. Acad. Sci. USA 97:12589.
3. Barr FA, et al. 1997. Cell 91:253.
4. Sutterlin C, et al. 2001. P. Natl. Acad. Sci. USA 98:9128.

Related Products:

Product	Clone	Application
HRP Donkey anti-rabbit IgG (minimal x-reactivity)	Poly4064	ELISA, IHC, WB

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