

# Product Data Sheet

## Purified anti-GRASP65

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

**Clone:** Poly6210

**Isotype:** Rabbit Polyclonal

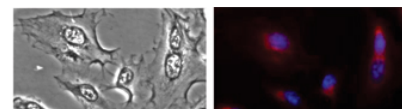
**Immunogen:** Recombinant (partial)

**Reactivity:** Human

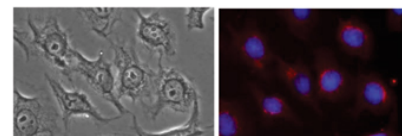
**Preparation:** The antibody was purified by antigen-affinity chromatography.

**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  
HRP Donkey anti-rabbit IgG (minimal x-reactivity)

**Clone**  
Poly4064

**Application**  
ELISA, IHC, WB



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