**Background**

Golgi microtubule-associated protein-210 (GMAP-210), also referred to as CEV14, Trip11 or Trip230, is a peripheral Golgi protein that localizes to the cis-Golgi network. GMAP-210 is a 1,978 amino acid coiled-coil member of the golgin family of proteins. Microtubule ends bind to GMAP-210 which functions to link the cis-Golgi network to the minus ends of centrosome-nucleated microtubules. This interaction may be essential for the proper morphology and structural maintenance of the Golgi apparatus. GMAP-210 also associates with thyroid hormone receptor β. Overexpression of GMAP-210 disrupts the microtubule network and causes a significant enlargement and fragmentation of the Golgi apparatus; it also blocks anterograde and retrograde transport between the ER and the Golgi apparatus.

**References**


**Chromosomal Location**

Genetic locus: TRIP11 (human) mapping to 14q32.12.

**Source**

GMAP-210 (15) is a mouse monoclonal antibody raised against amino acids 159-365 of GMAP-210 of human origin.

**Product**

Each vial contains 50 µg IgG1 in 0.5 ml of PBS with < 0.1% sodium azide, 0.1% gelatin, 20% glycerol and 0.04% stabilizer protein.

**Applications**

GMAP-210 (15) is recommended for detection of GMAP-210 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)] and immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500).

Suitable for use as control antibody for GMAP-210 siRNA (h): sc-62387, GMAP-210 shRNA Plasmid (h): sc-62387-SH and GMAP-210 shRNA (h) Lentiviral Particles: sc-62387-V.

Molecular Weight of GMAP-210: 210 kDa.

Positive Controls: HeLa whole cell lysate: sc-2200 or Jurkat whole cell lysate: sc-2204.

**Data**

![Western blot analysis of GMAP-210 expression in Jurkat whole cell lysate.](image1)

**Select Product Citations**


**Storage**

Store at 4°C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

**Research Use**

For research use only, not for use in diagnostic procedures. Not for resale.

**Protocols**

See our web site at www.scbt.com for detailed protocols and support products.