

Anti-Giantin/GOLGB1 Antibody (Monoclonal, 33G32)

Catalog Number: M08226-1

About GOLGB1

Giantin or Golgin subfamily B member 1 is a protein that in humans is encoded by the GOLGB1 gene. GOLGB1, also known as Giantin and Macrogolgin, is a 360 to 400 kDa member of the Golgin protein family. GOLGB1 is an integral component of the Golgi membrane that associates with the cytoskeleton. It may be involved in both forming intercisternal cross-bridges that mediate stacking in Golgi complexes, and in reorganizing the complexes after they fragment during mitosis. GOLGB1 has also been identified as an autoantigen in chronic rheumatoid arthritis, and in the autoimmune disease Sjogren syndrome. Human GOLGB1 is 3259 amino acids (aa) in length, and over aa 1596-1702, shares 92% and 91% sequence identity with its mouse and rat orthologs, respectively.

Overview

Product Name	Anti-Giantin/GOLGB1 Antibody (Monoclonal, 33G32)
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-Giantin/GOLGB1 Antibody (Monoclonal, 33G32) catalog # M08226-1. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat, Monkey.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal 33G32
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q14789

Technical Details

Immunogen	Recombinant protein within human Giantin aa 2738-3233.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
Immunohistochemistry, 1:50-200
Immunocytochemistry/Immunofluorescence, 1:50-200
Flow Cytometry (Fixed), 1:50-200

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