

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human GM130/GOLGA2 in direct ELISAs and Western blots.
Source	Monoclonal Rabbit IgG Clone # 2059C
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human GM130/GOLGA2 Met258-Gln606 Accession # Q08379
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

GM130, also known as Golgin subfamily A member 2 and GOLGA2, is a 130 kDa member of the Golgin protein family. GM130/GOLGA2 is a component of the Golgi membrane involved in maintaining cis-Golgi structure. GM130/GOLGA2 protein is thought to play roles in the stacking of Golgi cisternae and in vesicular transport. Several alternatively spliced transcript variants of this gene have been predicted. Human GM130/GOLGA2 protein is 1002 amino acids (aa) in length, and over aa 528-606, shares 90% sequence identity with its mouse and rat orthologs.

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