

DESCRIPTION

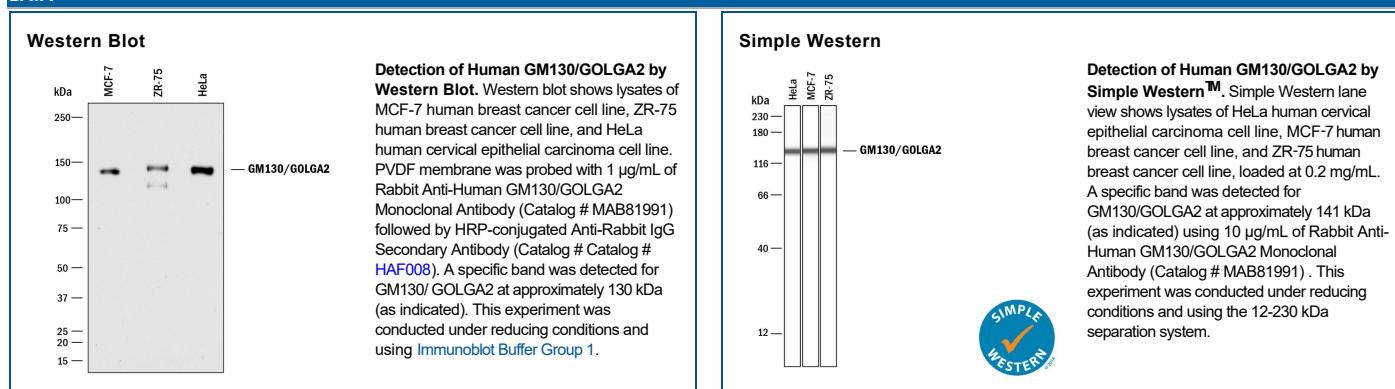
Species Reactivity	Human
Specificity	Detects human GM130/GOLGA2 in direct ELISAs and Western blots.
Source	Recombinant Monoclonal Rabbit IgG Clone # 2059C
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human GM130/GOLGA2 Met258-Gln606 Accession # Q08379
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

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.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below
Simple Western	10 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.

PRODUCT SPECIFIC NOTICES

* Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to SDS for additional information and handling instructions.