Recombinant alpha-Galactosidase A/GLA Monoclonal Antibody

catalog number: AN300412P

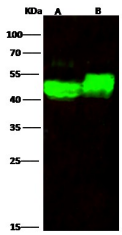
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human alpha-Galactosidase A/GLA protein
Host	Rabbit
Isotype	IgG
Clone	5D11
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western Blot with GLA Monoclonal Antibody at dilution of 1:500 dilution. Lane A: MCF7 Whole Cell Lysate, Lane B: 293T Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:49 kDa

Calculated-MW:49 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

alpha -Galactosidase A is a homodimeric glycoprotein that can release terminal alpha -galactosyl moieties from glycolipids and glycoproteins and catalyze the hydrolysis of melibiose into galactose and glucose . It is a lysosomal enzyme and is responsible for degradation of glycolipid globotriaosylceramide (Gb3) (Gal alpha 1-4Gal beta 1-4Glc beta -ceramide). Mutations in this gene cause Fabry disease, an X-linked hereditary lysosomal storage disease with the accumulation of Gb3 in the walls of small blood vessels, nerves, dorsal root ganglia, renal glomerular and tubular epithelial cells, and cardiomyocytes .

Toll-free: 1-888-852-8623
Web: www.elabscience.com
Tel: 1-832-243-6086
Email: techsupport@elabscience.com
Fax: 1-832-243-6017