

For Research Use Only

CoraLite®594-conjugated Alpha Galactosidase A Monoclonal antibody

Catalog Number:CL594-66121

Featured Product



Basic Information

Catalog Number:

CL594-66121

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG7505

GenBank Accession Number:

BC002689

GeneID (NCBI):

2717

UNIPROT ID:

P06280

Full Name:

galactosidase, alpha

Calculated MW:

49 kDa

Observed MW:

49 kDa

Purification Method:

Protein A purification

CloneNo.:

2B2C5

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

GLA, also named as Melibiase and Alpha-galactosidase A, belongs to the glycosyl hydrolase 27 family. It hydrolyzes terminal, non-reducing alpha-D-galactose residues in alpha-D-galactosides, including galactose oligosaccharides, galactomannans and galactolipids. Fabry disease is an X-linked lysosomal storage disorder resulting from the deficient activity of GLA. Enzyme replacement therapy (ERT) with GLA is currently the most effective therapeutic strategy for patients with Fabry disease, a lysosomal storage disease.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

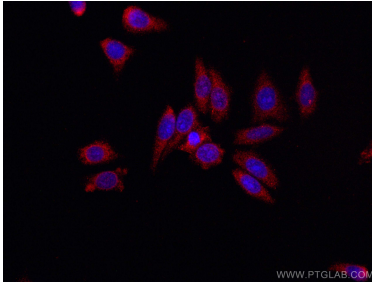
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite®594 Alpha Galactosidase A antibody (CL594-66121, Clone: 2B2C5) at dilution of 1:200.