

## Product datasheet

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# ARG58844 anti-Galactosidase alpha antibody

Package: 100 μl Store at: -20°C

#### **Summary**

Product Description Rabbit Polyclonal antibody recognizes Galactosidase alpha

Tested Reactivity Hu, Ms

Tested Application ICC/IF, WB

**Host** Rabbit

**Clonality** Polyclonal

Isotype IgG

Target Name Galactosidase alpha

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 150-429 of Human Galactosidase alpha

(NP\_000160.1).

Conjugation Un-conjugated

Alternate Names Alpha-galactosidase A; Melibiase; Alpha-D-galactosidase A; Alpha-D-galactoside galactohydrolase; EC

3.2.1.22; Agalsidase; GALA

### **Application Instructions**

Application table	Application	Dilution
	ICC/IF	1:50 - 1:100
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	49 kDa	

#### **Properties**

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Gene Symbol GLA

Gene Full Name galactosidase, alpha

Background This gene encodes a homodimeric glycoprotein that hydrolyses the terminal alpha-galactosyl moieties

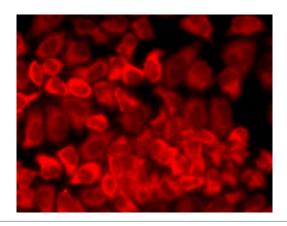
from glycolipids and glycoproteins. This enzyme predominantly hydrolyzes ceramide trihexoside, and it can catalyze the hydrolysis of melibiose into galactose and glucose. A variety of mutations in this gene affect the synthesis, processing, and stability of this enzyme, which causes Fabry disease, a rare lysosomal storage disorder that results from a failure to catabolize alpha-D-galactosyl glycolipid

moieties. [provided by RefSeq, Jul 2008]

Calculated Mw 49 kDa

Cellular Localization Lysosome. [UniProt]

### **Images**



#### ARG58844 anti-Galactosidase alpha antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG58844 anti-Galactosidase alpha antibody.