

MAA183Hu22

Monoclonal Antibody to Galactosidase Alpha (GLa)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: N/A

Purification: Protein A + Protein G affinity chromatography

Clone number: B1

Traits: Liquid

Concentration: 1mg/ml

UOM: 20µg(20µl)

Cross Reactivity: N/A

Applications: WB,IHC

[IMMUNOGEN]

Immunogen: Recombinant GLa (Met1~Gly80) expressed in *E.coli*

Accession No.: RPA183Hu03

[APPLICATIONS]

Western blotting: 0.01-5µg/mL;

Immunohistochemistry: 5-50µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

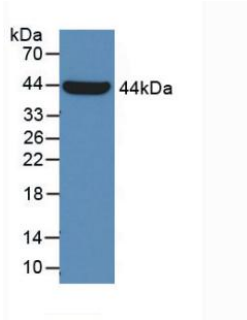
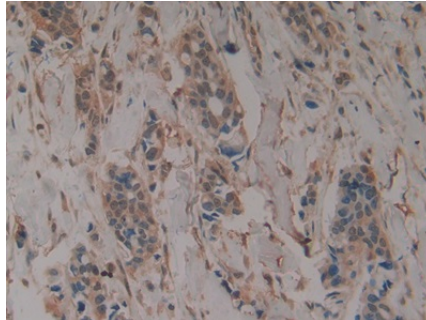
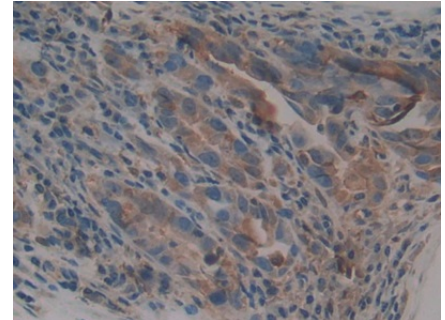


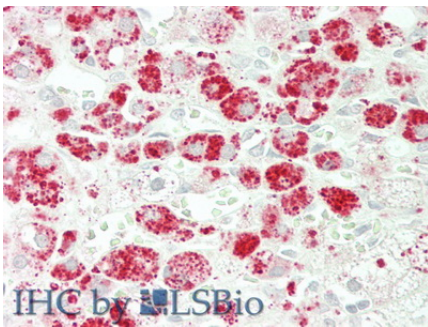
Figure. Western Blot; Sample: Recombinant GLa, Human.



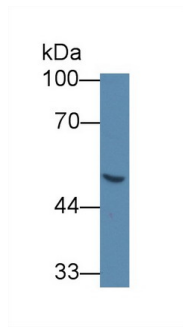
DAB staining on IHC-P; Samples: Human Breast cancer Tissue; Primary Ab: 40µg/ml Mouse Anti-Human GLa Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



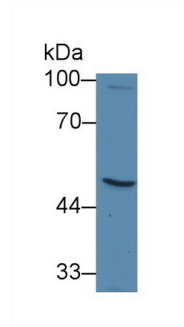
DAB staining on IHC-P; Samples: Human Stomach Tissue; Primary Ab: 40µg/ml Mouse Anti-Human GLa Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



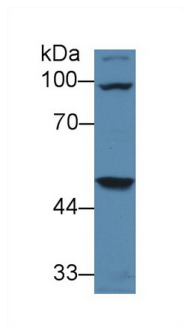
Vector Red staining on IHC-P; Samples: Human Adrenal gland Tissue; Primary Ab: 20µg/ml Mouse Anti-Human GLa Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Monoclonal Antibody



Western Blot; Sample: Human 293T cell lysate; Primary Ab: 5µg/ml Mouse Anti-Human GLa Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



Western Blot; Sample: Human MCF7 cell lysate; Primary Ab: 5µg/ml Mouse Anti-Human GLa Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



Western Blot; Sample: Human HeLa cell
lysate;

Primary Ab: 5 μ g/ml Mouse Anti-Human
GLa Antibody

Second Ab: 0.2 μ g/mL HRP-Linked

Caprine Anti-Mouse IgG Polyclonal
Antibody

(Catalog: SAA544Mu19)

[**IMPORTANT NOTE**]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.