Anti-GLU2B Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014374

Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000 IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	59K41C86
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human GLU2B
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-GLU2B Rabbit mAb [59K41C86] is for research use only and not for use in diagnostic or therapeutic procedures.

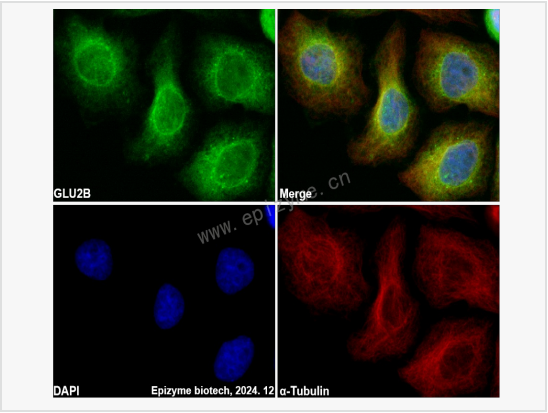
Protein Information

Synonyms	Glucosidase 2 subunit beta; AGE-binding receptor 2; AGE-R2; G19P1; GLU2B_HUMAN; Glucosidase II beta subunit; Glucosidase II subunit beta; Hepatocystin; PCLD; PKCSH; PLD1; PRKCSH; Protein kinase C substrate 60.1 kDa protein heavy chain; Protein kinase C substrate 80 Kda protein; Protein kinase C substrate 80K-H; Protein kinase C substrate, 80 Kda protein.
Calculated MW	Calculated MW: 59 kDa; Observed MW: 80 kDa
Uniprot ID	P14314
Gene ID	5589
Background	Regulatory subunit of glucosidase II.
Cellular Location	Endoplasmic reticulum.

Validation Images



Western Blot - Anti-GLU2B Rabbit mAb [59K41C86]
All lanes: R014374 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates
Lane 5: T24 (Human bladder cancer epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 59 kDa
Observed band size: 80 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunofluorescence - Anti-GLU2B Rabbit mAb [59K41C86]
Sample: HeLa cells
The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.
Primary antibodies: R014374 at 1:100 dilution and α-tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution
Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)
Nuclei were stained with DAPI (shown in blue).