

KD-Validated Anti-EOGT Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1202**Specification**

KD-Validated Anti-EOGT Rabbit Monoclonal Antibody - Product Information

Application	WB, FC
Primary Accession	Q5NDL2
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 62 kDa , observed, 55 kDa KDa
Gene Name	EOGT
Aliases	EOGT; EGF Domain Specific O-Linked N-Acetylglucosamine Transferase; AER61; EGF Domain-Specific O-Linked N-Acetylglucosamine (GlcNAc) Transferase; EGF Domain-Specific O-Linked N-Acetylglucosamine Transferase; Extracellular O-Linked N-Acetylglucosamine Transferase; AER61 Glycosyltransferase; FLJ33770; C3orf64; EOGT1; Chromosome 3 Open Reading Frame 64; EGF-O-GlcNAc Transferase; EC 2.4.1.255; C3ORF64; AOS4
Immunogen	A synthesized peptide derived from human AER61

KD-Validated Anti-EOGT Rabbit Monoclonal Antibody - Additional Information

Gene ID	285203
Other Names	
EGF domain-specific O-linked N-acetylglucosamine transferase, 2.4.1.255, Extracellular O-linked N-acetylglucosamine transferase, EOGT, AER61, C3orf64, EOGT1	

KD-Validated Anti-EOGT Rabbit Monoclonal Antibody - Protein Information**Name** EOGT**Synonyms** AER61, C3orf64, EOGT1**Function**

Catalyzes the transfer of a single N-acetylglucosamine from UDP-GlcNAc to a serine or threonine residue in extracellular proteins resulting in their modification with a beta-linked N-acetylglucosamine (O-GlcNAc). Specifically glycosylates the Thr residue located between the fifth and sixth conserved cysteines of folded EGF-like domains.

Cellular Location

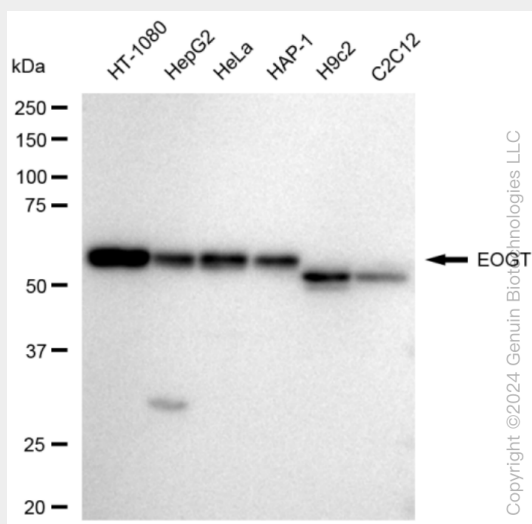
Endoplasmic reticulum lumen {ECO:0000255|PROSITE- ProRule:PRU10138}

KD-Validated Anti-EOGT Rabbit Monoclonal Antibody - Protocols

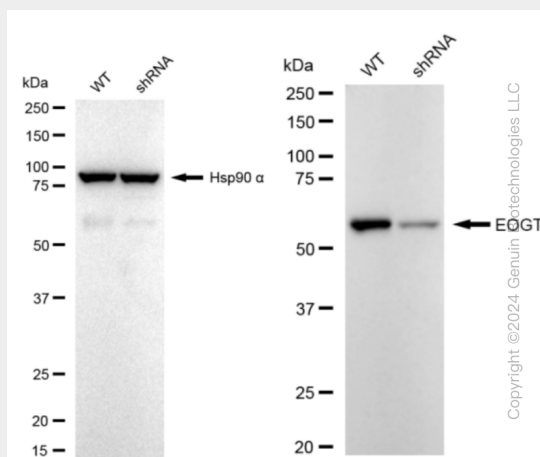
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

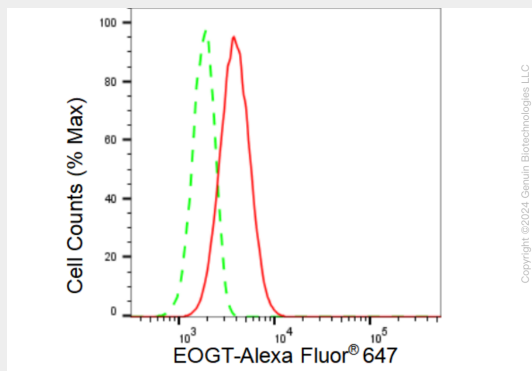
KD-Validated Anti-EOGT Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-EOGT antibody (Cat#61408). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-EOGT antibody (Cat#61408, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226). EOGT, EGF domain specific O-linked N-acetylglucosamine transferase.



Western blotting analysis using anti-EOGT antibody (Cat#61408). EOGT expression in wild type (WT) and EOGT shRNA knockdown (KD) HT-1080 cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-EOGT antibody (Cat#61408, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Flow cytometric analysis of EOGT expression in HT-1080 cells using EOGT antibody (Cat#61408, 1:2,000). Green, isotype control; red, EOGT.