

# KD-Validated Anti-EOGT Recombinant Rabbit Monoclonal Antibody



**Catalog #: 61408**

## 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

## Background

Gene Name: EOGT

NCBI Gene Entry: [285203](#)

UniProt Entry: [Q5NDL2](#)

## Application Information

Molecular Weight: Predicted, 62 kDa, observed, 55 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB3585

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human AER61

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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### SUPPORT

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### ORDERS

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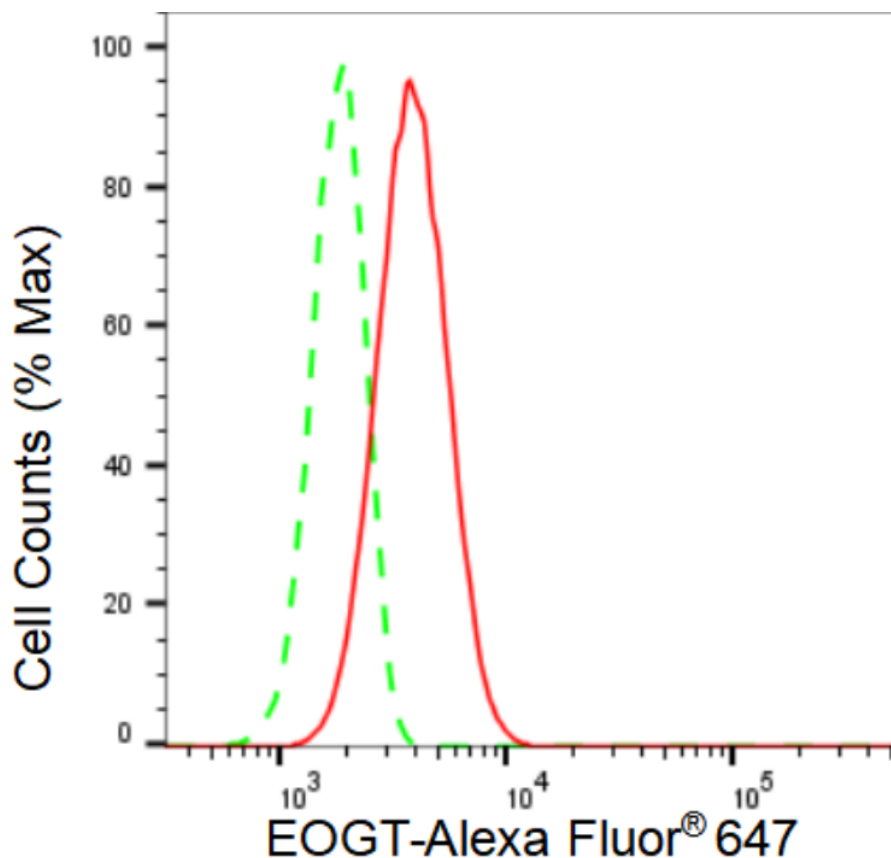
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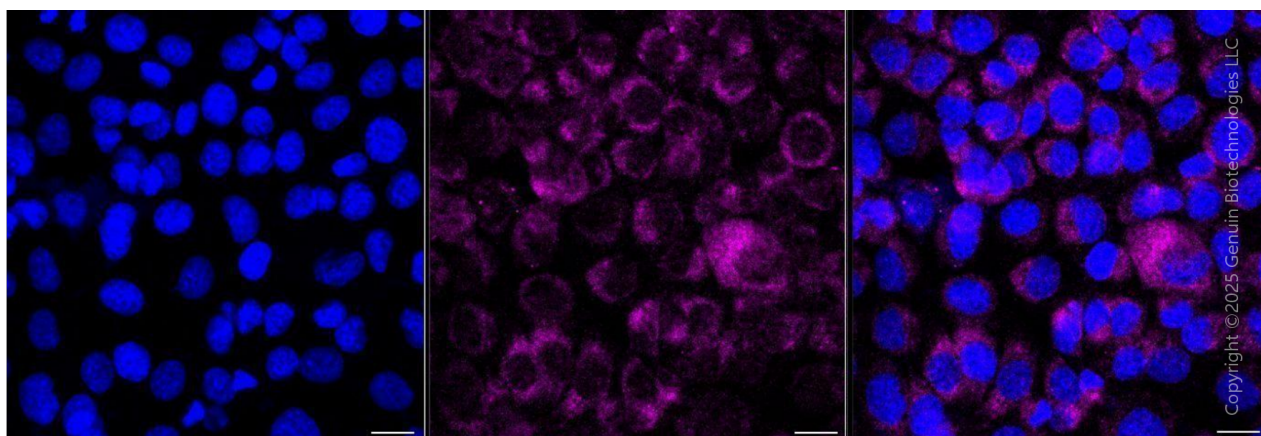
**Note:** This product is for research use only.

## Validation Data



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



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Immunocytochemical staining of HT-1080 cells with anti-EOGT antibody (Cat#61408, 1:1,000). Nuclei were stained blue with DAPI; EOGT was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain:

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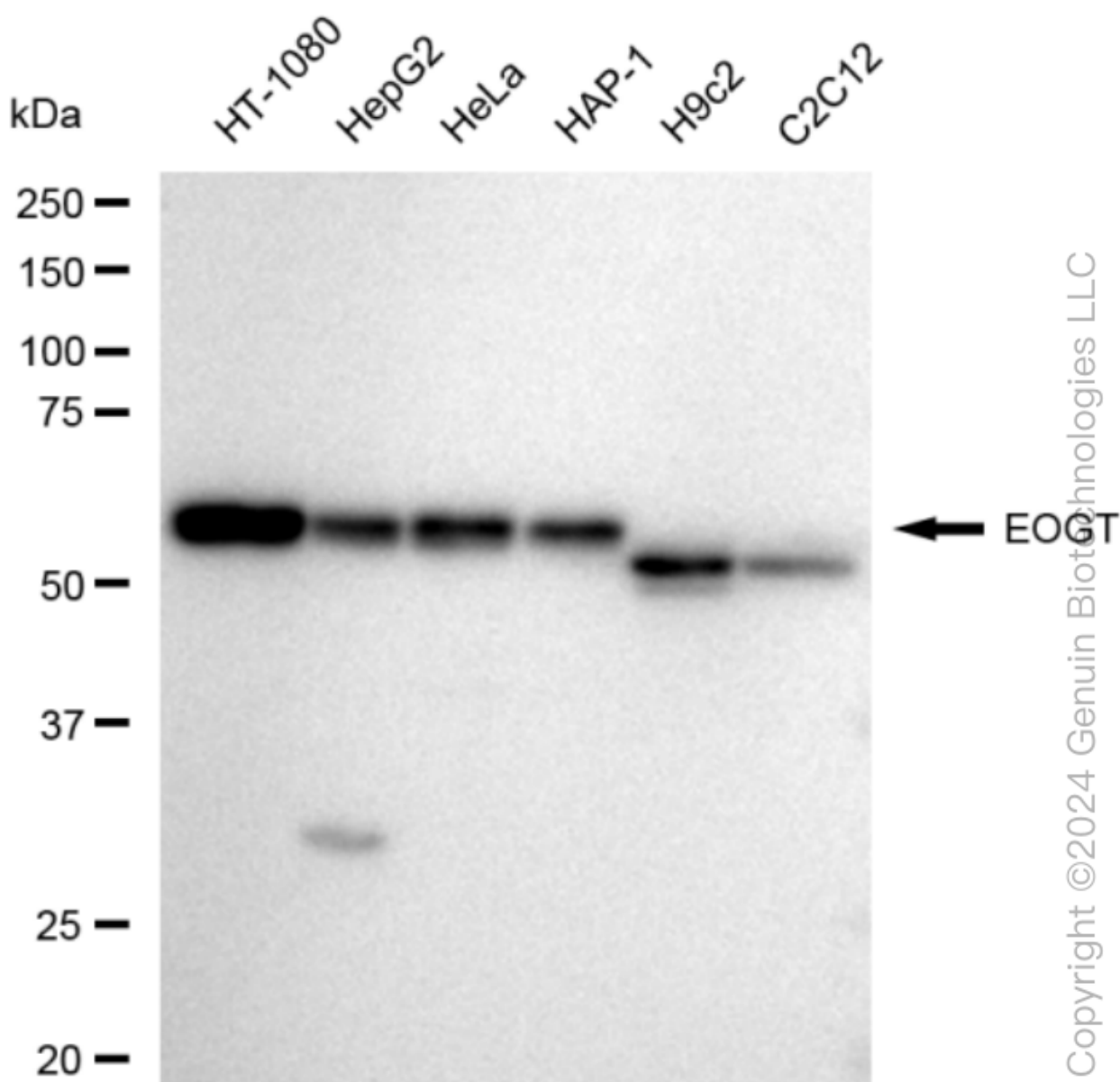
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Medium. Scale bar, 20  $\mu$ m.



Western blotting analysis using anti-EOGT antibody (Cat#61408). Total cell lysates (30  $\mu$ g) 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.

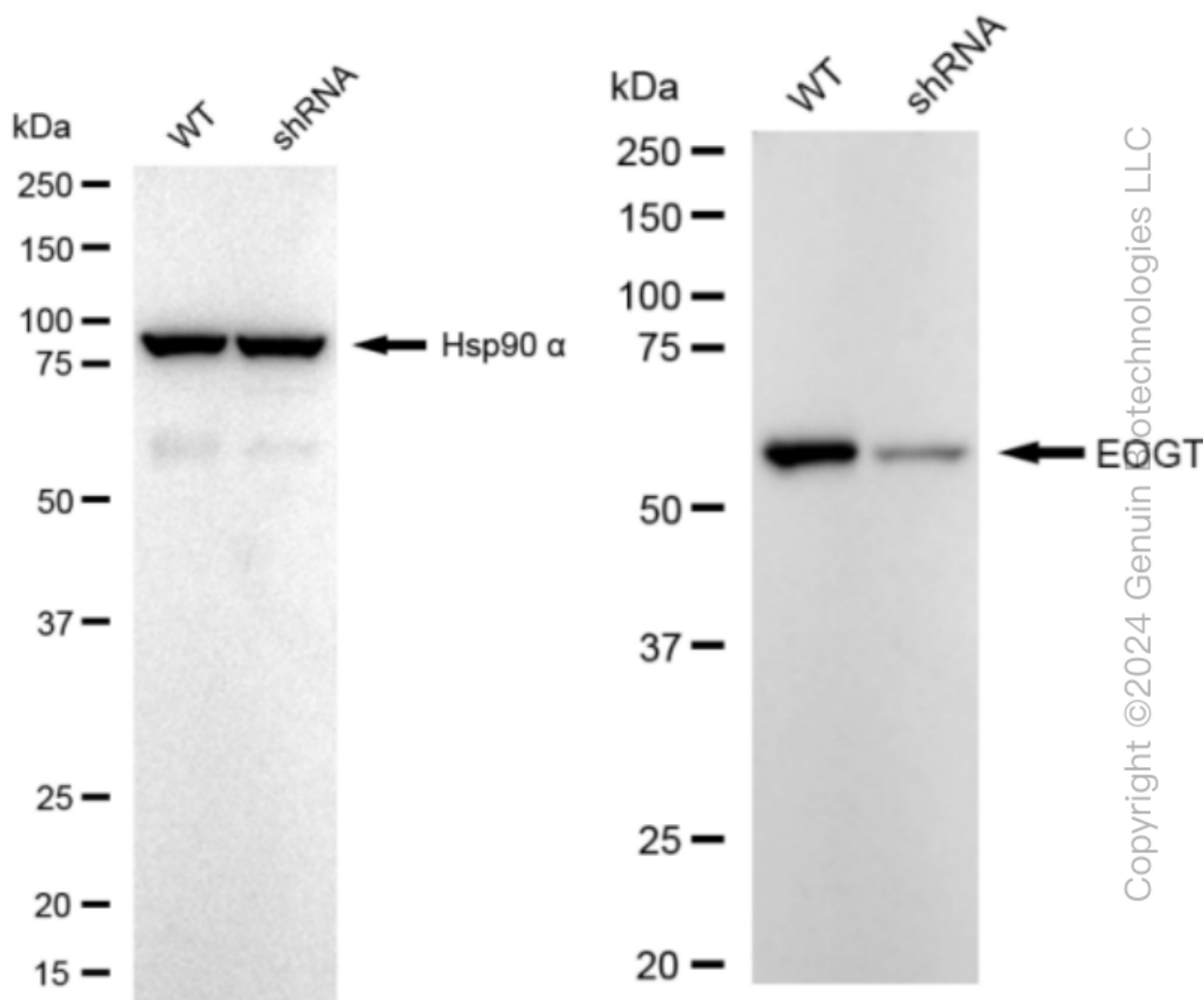
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Western blotting analysis using anti-EOGT antibody (Cat#61408). EOGT expression in wild type (WT) and EOGT shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-EOGT 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).