

# KD-Validated Anti-OGT Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

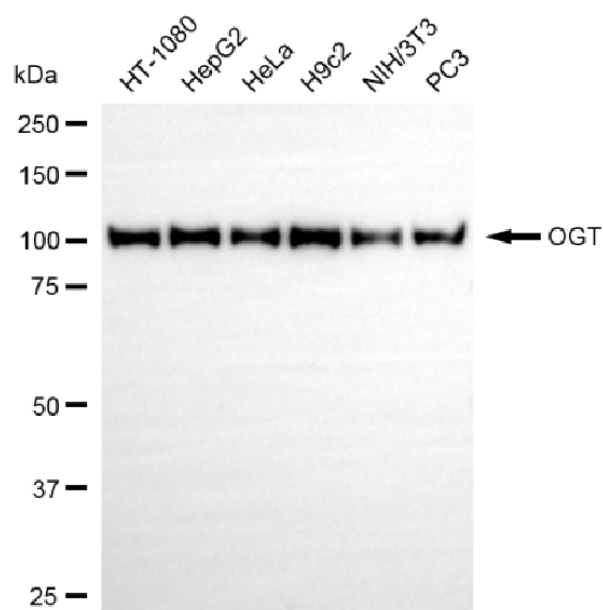
ABG1140

## Product Overview

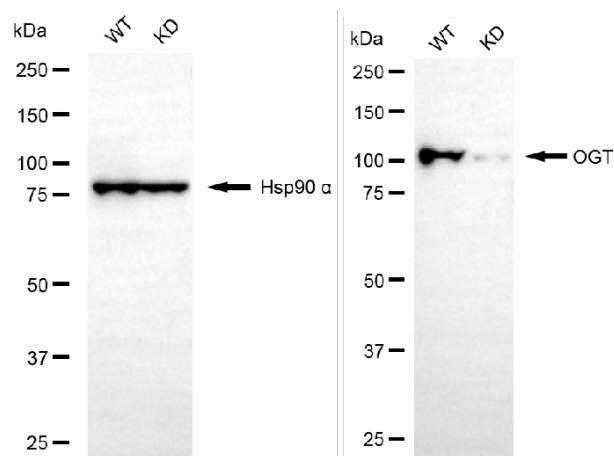
|                             |                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-OGT Rabbit Monoclonal Antibody                                                           |
| <b>Accession(Primary)</b>   | O15294                                                                                                     |
| <b>Host Species</b>         | Rabbit                                                                                                     |
| <b>Clonality</b>            | Monoclonal                                                                                                 |
| <b>Isotype</b>              | Rabbit IgG                                                                                                 |
| <b>Immunogen</b>            | A synthesized peptide derived from human OGT/O-Linked N-Acetylglucosamine Transferase                      |
| <b>Species Reactivity</b>   | Human, Mouse, Rat                                                                                          |
| <b>Calculated MW</b>        | Predicted, 117 kDa; observed, 110 kDa                                                                      |
| <b>Storage Buffer</b>       | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.                                  |
| <b>Recommended Dilution</b> | Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000 |

## Target information (O15294)

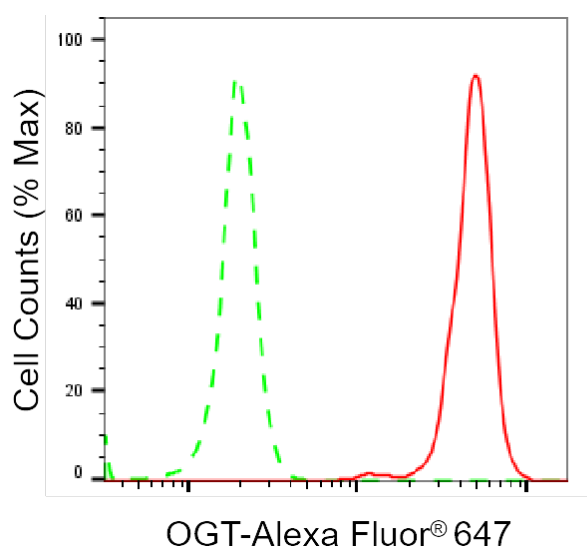
|                          |                                                                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | OGT                                                                                                                                                                                                                                                             |
| <b>About Gene Symbol</b> | OGT (O-Linked N-Acetylglucosamine (GlcNAc) Transferase) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely s |



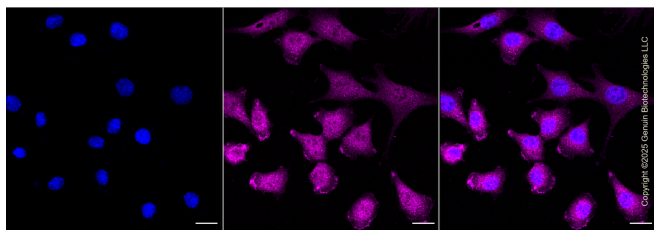
Copyright ©2025 Genuin Biotechnologies LLC



Copyright ©2025 Genuin Biotechnologies LLC



Copyright ©2025 Genuin Biotechnologies LLC



Immunocytochemical staining of C2C12 cells with OGT antibody (Cat#ABG1140, 1:1,000). Nuclei were stained blue with DAPI; OGT was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20  $\mu$ m.