

KD-Validated Anti-MGEA5 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

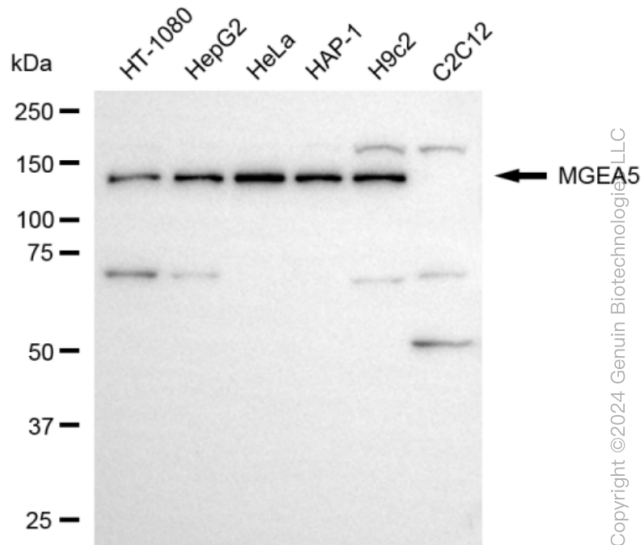
ABG1082

Product Overview

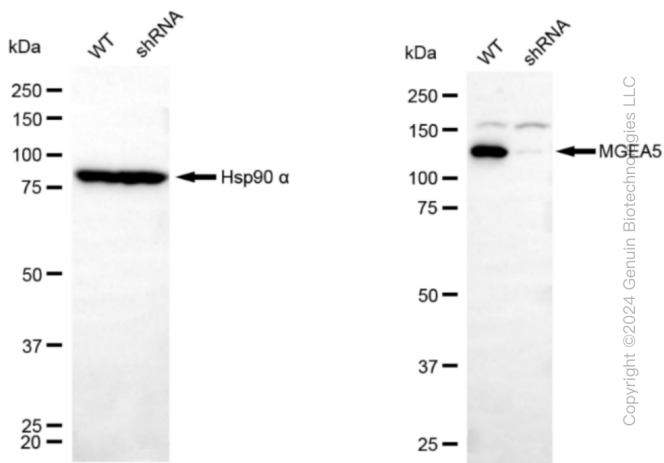
Name	KD-Validated Anti-MGEA5 Rabbit Monoclonal Antibody
Accession(Primary)	O60502
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human MGEA5
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 103 kDa ; observed, 130 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	WesternBlotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (O60502)

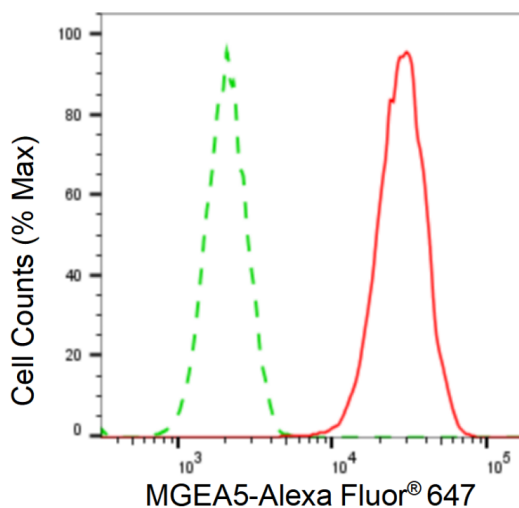
Gene Name	OGA
About Gene Symbol	OGA (O-GlcNAcase) is a protein kinase and signaling regulator involved in adaptive immunity. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



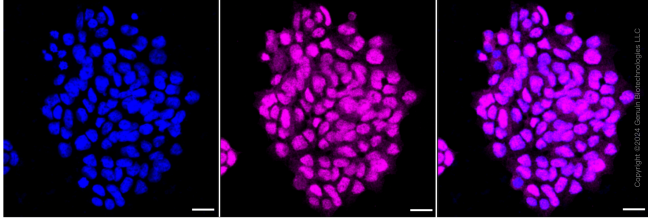
Western blotting analysis using anti-MGEA5 antibody (Cat#ABG1082). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MGEA5 antibody (Cat#ABG1082, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-MGEA5 antibody (Cat#ABG1082). MGEA5 expression in wild-type (WT) and OGA shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-MGEA5 antibody (Cat#ABG1082, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of MGEA5 expression in HAP-1 cells using MGEA5 antibody (Cat#ABG1082, 1:2,000). Green, isotype control; red, MGEA5.



Immunocytochemical staining of HAP-1 cells with MGEA5 antibody (Cat#ABG1082, 1:1,000). Nuclei were stained blue with DAPI; MGEA5 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.