

KD-Validated Anti-IDE Recombinant Rabbit Monoclonal Antibody



Catalog #: 62144

Aliases

IDE; Insulin Degrading Enzyme; Insulin-Degrading Enzyme; Antibodyeta-Degrading Protease; Insulin Protease; EC 3.4.24.56; Insulinase; Insulysin; INSULYSIN; EC 3.4.24

Background

Gene Name: IDE

NCBI Gene Entry: [3416](#)

UniProt Entry: [P14735](#)

Application Information

Molecular Weight: Predicted, 118 kDa, observed, 118 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB6210

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human IDE

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

Note: This product is for research use only.

Validation Data

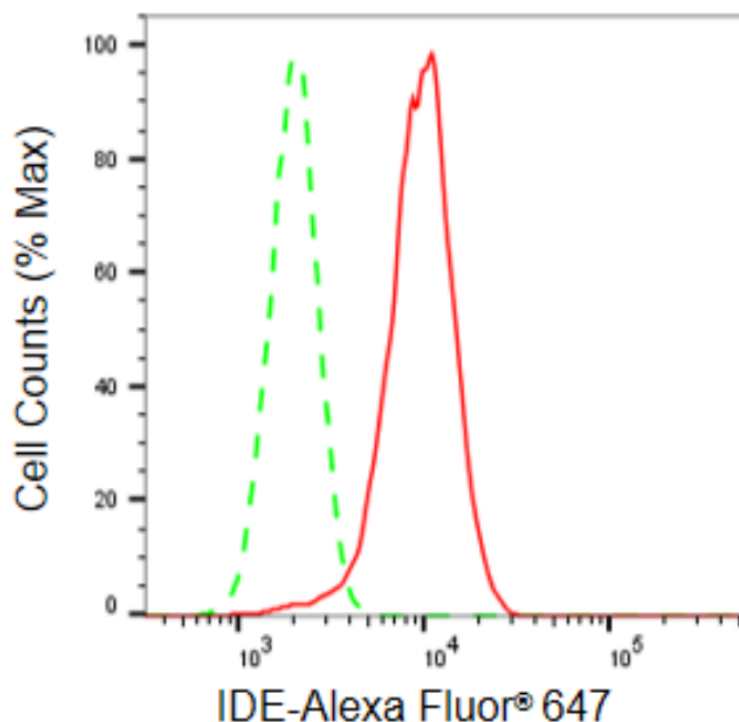
SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

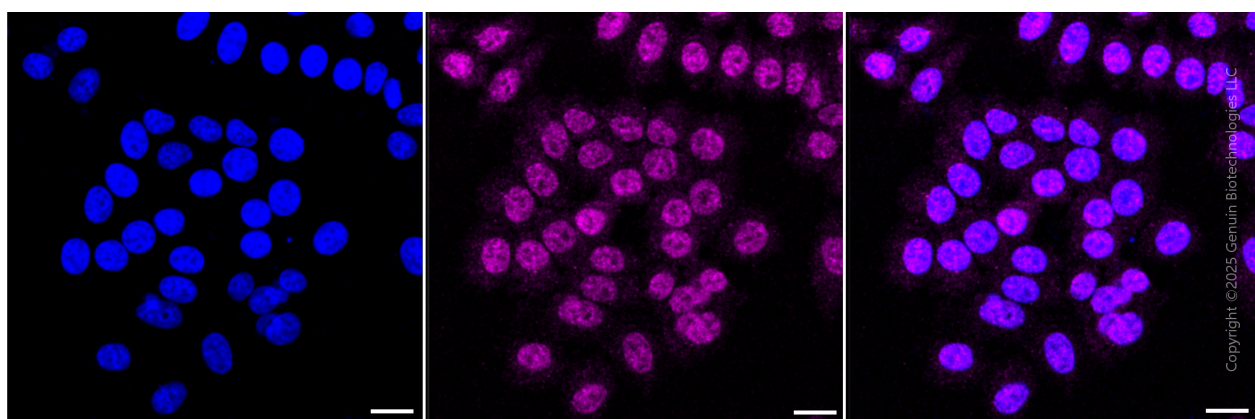
SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM



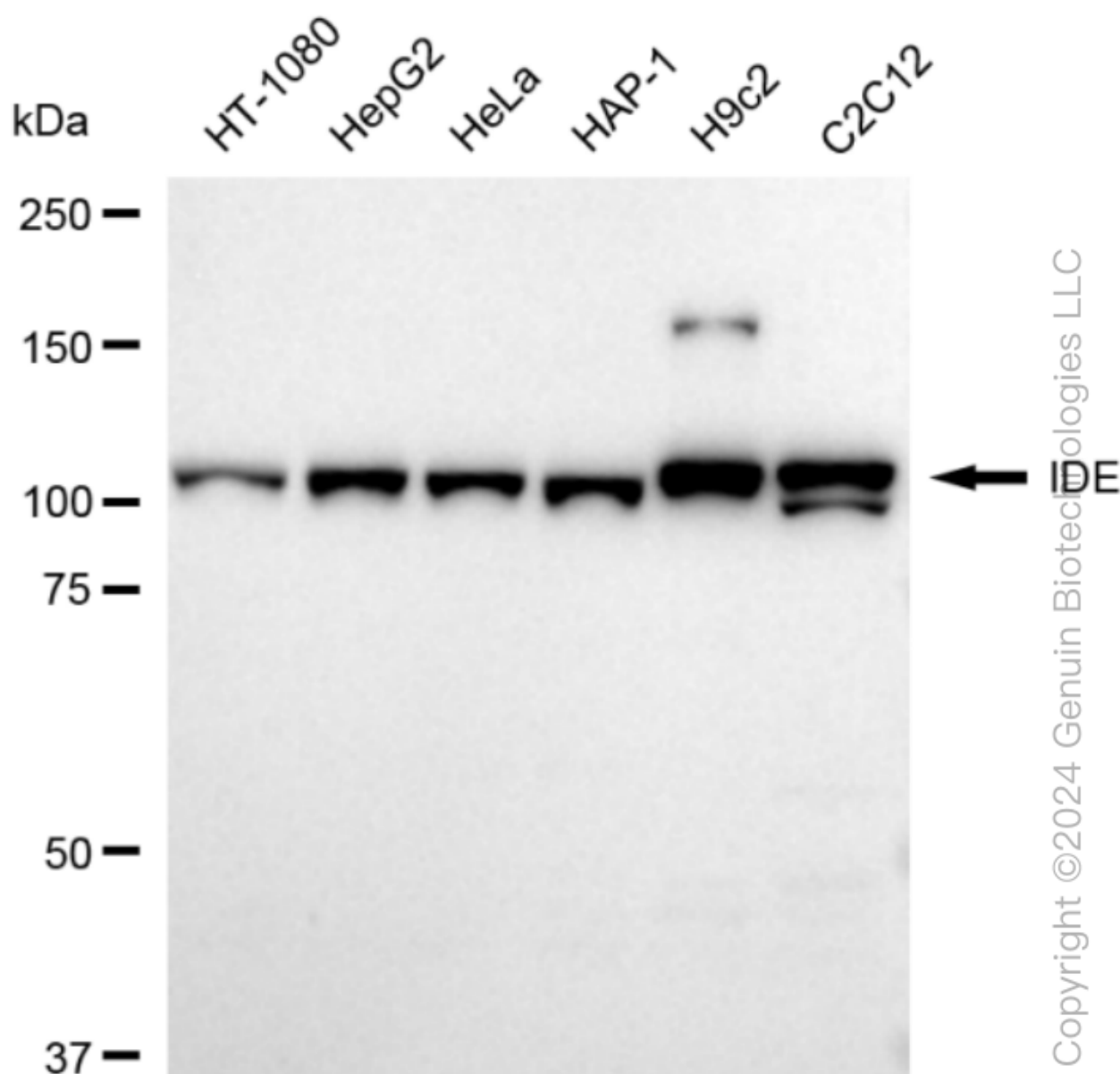
Copyright ©2024 Genuin Biotechnologies LLC

Flow cytometric analysis of IDE expression in HepG2 cells using IDE antibody (Cat#62144, 1:2,000). Green, isotype control; red, IDE.

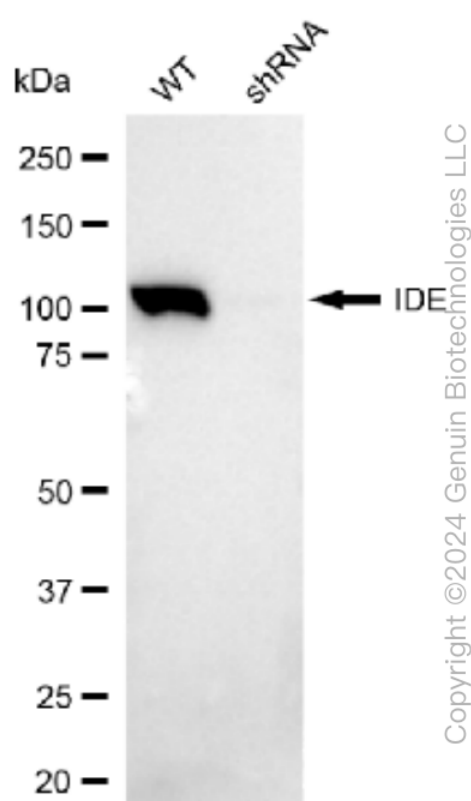
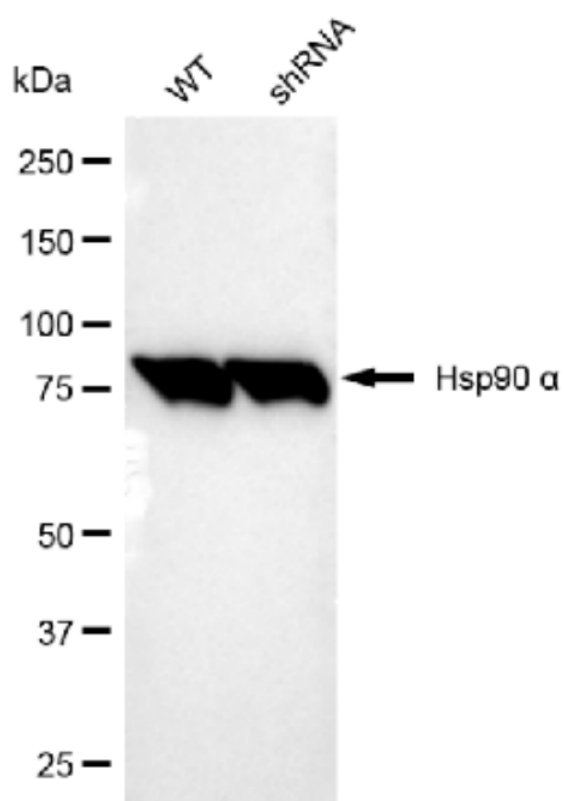


Copyright ©2025 Genuin Biotechnologies LLC

Immunocytochemical staining of HepG2 cells with anti-IDE antibody (Cat #62144, 1:1,000). Nuclei were stained blue with DAPI; IDE 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 µm.

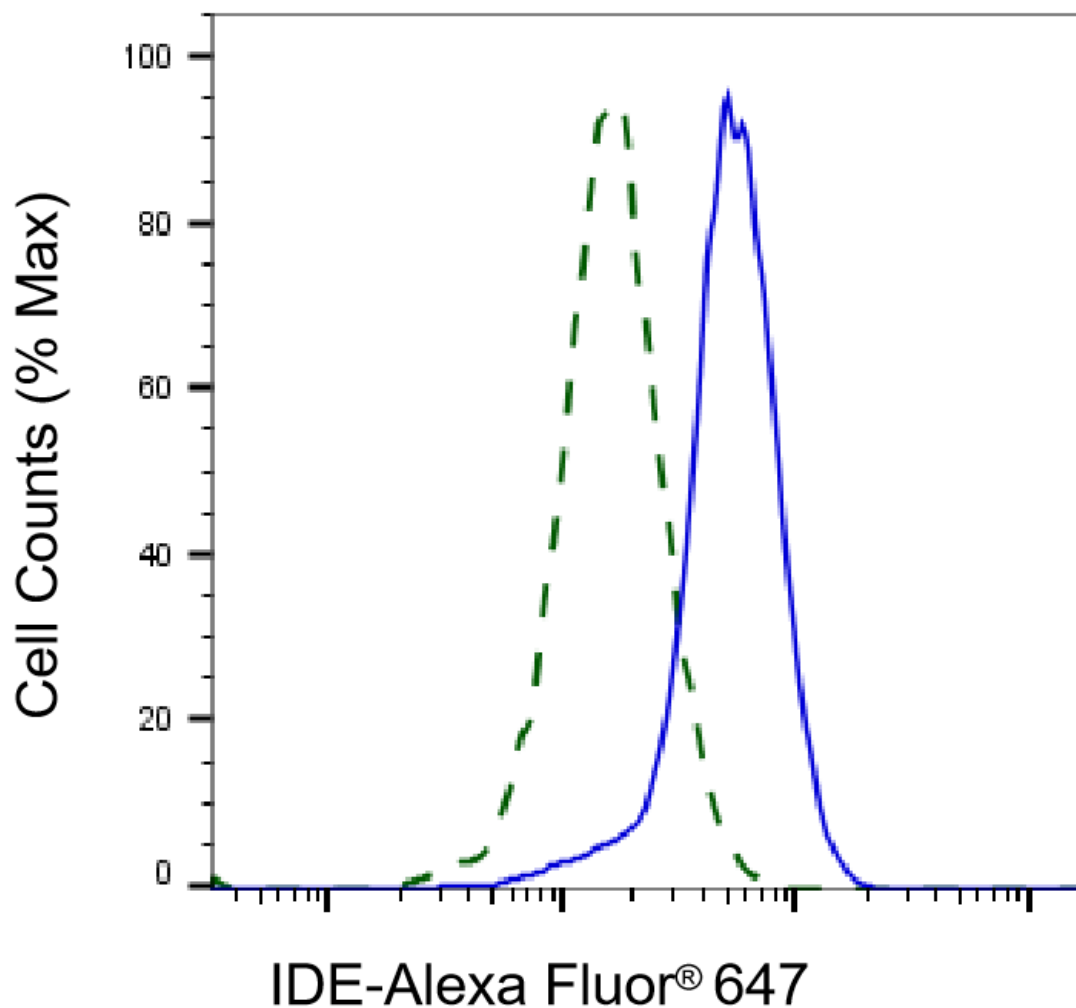


Western blotting analysis using anti-IDE antibody (Cat#62144). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IDE antibody (Cat#62144, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Copyright ©2024 Genuin Biotechnologies LLC

Western blotting analysis using anti-IDE antibody (Cat#62144). IDE expression in wild type (WT) and IDE shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-IDE antibody (Cat#62144, 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).



Copyright ©2025 Genuin Biotechnologies LLC

Validation of IDE knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with anti-IDE antibody (Cat#62144, 1:2,000) and analyzed using BD flow cytometer.