9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# KD-Validated Anti-IDE Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

ABG1556

## Product Overview

| | |
|---|---|
| **Name** | KD-Validated Anti-IDE Rabbit Monoclonal Antibody |
| **Accession(Primary)** | P14735 |
| **Host Species** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype** | Rabbit IgG |
| **Immunogen** | A synthesized peptide derived from human IDE |
| **Species Reactivity** | Human, Mouse, Rat |
| **Calculated MW** | Predicted, 118 kDa , observed , 118 kDa |
| **Storage Buffer** | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide. |
| **Recommended Dilution** | Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 |

## Target information (P14735)

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|---|---|
| **Gene Name** | IDE |
| **About Gene Symbol** | IDE (Insulin Degrading Enzyme) is a protease enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |

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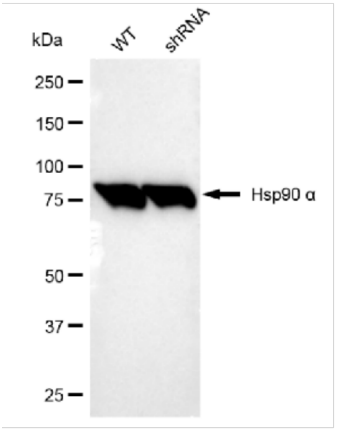


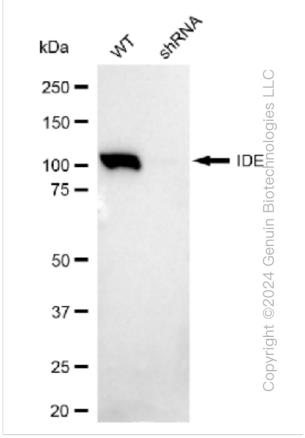


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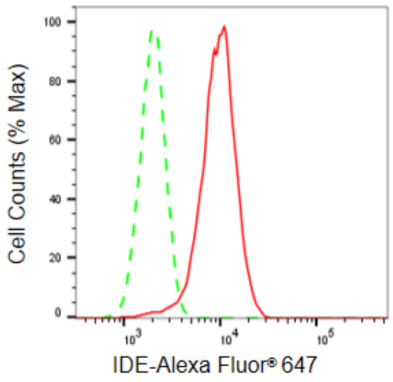
Western blotting analysis using anti-IDE antibody (Cat#ABG1556). IDE expression in wild type (WT) and IDE shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-IDE antibody (Cat#ABG1556, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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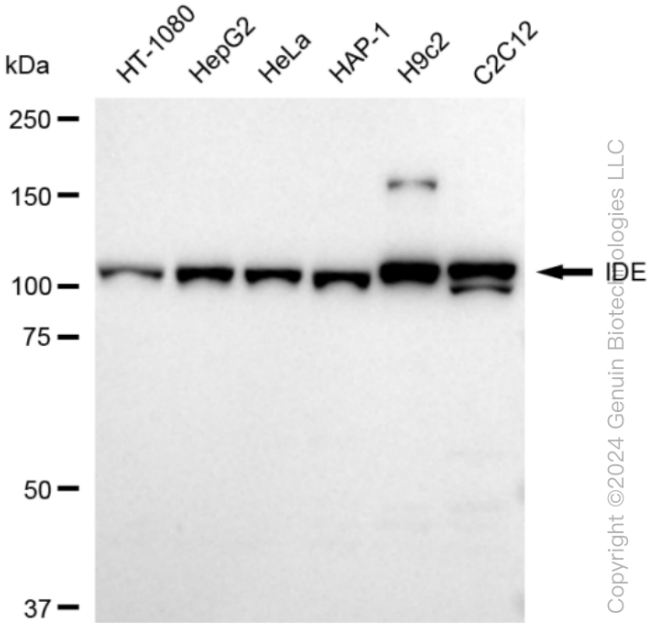
Flow cytometric analysis of IDE expression in HepG2 cells using IDE antibody (Cat#ABG1556, 1:2,000). Green, isotype control; red, IDE.

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Western blotting analysis using anti-IDE antibody (Cat#ABG1556). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IDE antibody (Cat#ABG1556, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.