

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## INSULIN DEGRADING ENZYME RABBIT MAB

Cat.#: N263625

Product Name: Anti-Insulin Degrading Enzyme Rabbit Monoclonal Antibody Synonyms: INSULYSIN; Insulin degrading enzyme; IDE UNIPROT ID: P14735 Background: This gene encodes a zinc metallopeptidase that degrades intracellular insulin, and thereby terminates insulins activity, as well as participating in intercellular peptide signalling by degrading diverse peptides such as glucagon, amylin, bradykinin, and kallidin. The preferential affinity of this enzyme for insulin results in insulin-mediated inhibition of the degradation of other peptides such as beta-amyloid. Immunogen: A synthesized peptide derived from human IDE Applications: WB,IHC-P Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 Host Species: Rabbit Clonality: Rabbit Monoclonal Clone ID: R07-6D3

MW: Calculated MW: 118 kDa; Observed MW: 118 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

Conjugation: Unconjugated

Modification: Unmodified

**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

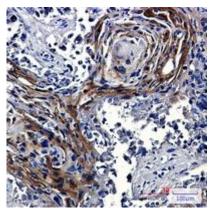
Research Areas: Neuroscience

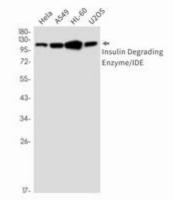
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010





Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Insulin Degrading Enzyme/IDE antibody.Highpressure and temperature Sodium Insulin Degrading Enzyme Citrate pH 6.0 was used for antigen retrieval.

Western blot analysis of Insulin Degrading Enzyme/IDE in Hela, A549, HL-60, U2OS lysates using antibody.