

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **INSULIN DEGRADING ENZYME RABBIT MAB**

Cat.#: N263387

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 synthetic peptide of human Insulin degrading enzyme/IDE

Applications: WB,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R04-4E8

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

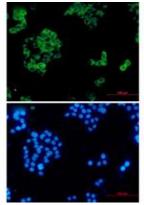
Research Areas: Neuroscience

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

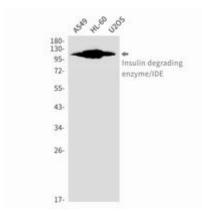


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Immunocytochemistry analysis of Insulin degrading enzyme/IDE (green) in hela using Insulin degrading enzyme/IDE antibody,and DAPI(blue)



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