

IDE/Insulin Degrading Enzyme Mouse Monoclonal Antibody(3H4)

Catalog	TDY108C	TDY108F
Quantity	50 μ L	100 μ L

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Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H	118KD	IgG1

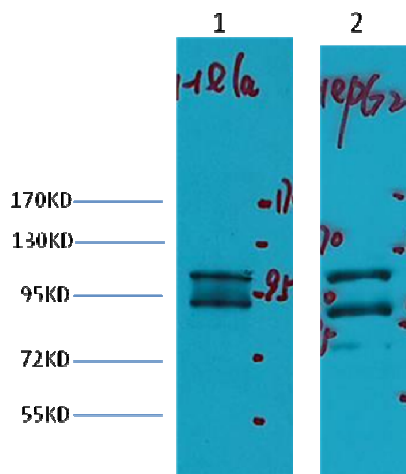
Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C. Do not aliquot the antibody.**

Recommended dilutions: WB: 1:1,000 IHC: 1:200

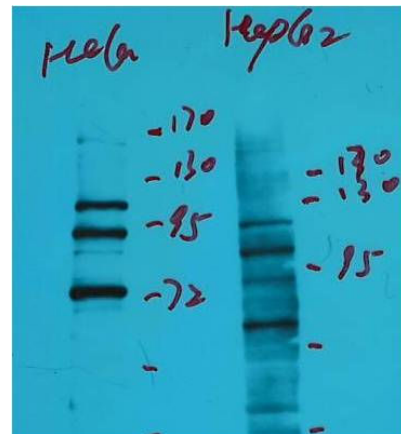
Optimal dilutions should be determined by the end user.

Specificity: IDE Mouse Monoclonal antibody detects endogenous IDE proteins.

Background: Insulin Degrading Enzyme (IDE) is a large zinc-binding protease of the M16A metalloprotease subfamily known to cleave multiple short polypeptides that vary considerably in sequence. IDE was first identified by its ability to degrade the B chain of the hormone insulin. This activity was observed over fifty years ago, though the enzyme specifically responsible for B chain cleavage was identified more recently.



Western blot analysis of 1) HeLa, 2) HepG2, with IDE Mouse mAb diluted at 1:2,000.



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