

Product Name: Insulin Degrading Enzyme Mouse Monoclonal Antibody**Catalog #: AMM86155**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:50-1:300,ICC 1:100-1:200
Molecular Weight	118kDa

Antigen Information

Gene Name	Insulin Degrading Enzyme
Alternative Names	Insulin Degrading Enzyme Mouse
Gene ID	
SwissProt ID	P14735
Immunogen	A synthetic peptide of human Insulin degrading enzyme/IDE

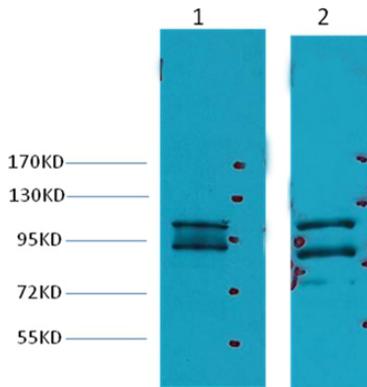
Background

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

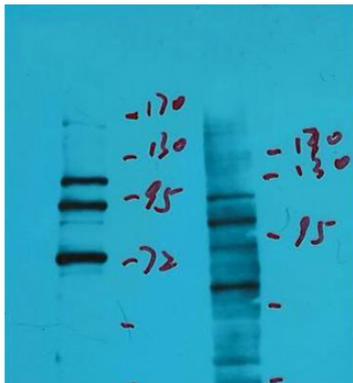
cleavage was identified more recently.

Research Area

Image Data



Western blot analysis of 1) HeLa, 2) HepG2, using Insulin Degrading Enzyme Mouse Monoclonal Antibody diluted at 1:2,000.



Western blot analysis of HeLa, HepG2, using AMM86155 diluted at 1:2,000.