

IDE/Insulin Degrading Enzyme Mouse mAb

Cat No: HR1AM2194

For research use only

Overview

Product Name	IDE/Insulin Degrading Enzyme Mouse mAb
Source	Mouse
Applications	WB, IHC
Species Reactivity	Human
Recommended Dilutions	WB 1:1,000 IHC 1:200
Immunogen	
Species	Mouse
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1mg/ml
Observed band	118kDa
GeneID?Human?	3416
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	Abeta degrading protease, insulin degrading enzyme, Insulin protease, Insulinase, INSULYSIN
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.