

Product name:	Insulin Degrading Enzyme Mouse Monoclonal Antibody
Cat number:	MABN86155
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Mouse
Isotype:	Mouse IgG1
Immunogen:	A synthetic peptide of human Insulin degrading enzyme/IDE
Reactivity:	Human
Applications:	WB 1:1000-1:2000,IHC 1:50-1:300,ICC 1:100-1:200
Molecular Weight:	118kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Purified antibody in PBS with 0.05% sodium azide and 50% glycerol.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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.