



ELK Biotechnology

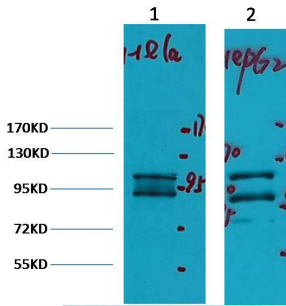
IDE/Insulin Degrading Enzyme Mouse mAb

Catalog NO.: EM1083

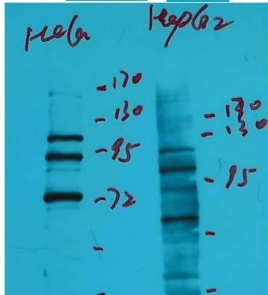
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Overview

Product name	IDE/Insulin Degrading Enzyme Mouse Monoclonal antibody
Source	Mouse
Applications	WB IHC
Species reactivity	Human
Recommended dilutions	WesternBlot:1/1000 Immunohistochemistry:1/200 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
Species	Human
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	1 mg/ml
Observed band	118kDa
GeneID (Human)	3416
Human Swiss-Prot No.	P14735
Cellular localization	Cell membrane Cytoplasm Membrane Secreted
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.



Western blot analysis of) HeLa 2) HepG2with IDE Mouse mAb diluted at:2000.



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