Insulin Degrading Enzyme Mouse Monoclonal Antibody

Catalog No: #38040

Package Size: #38040-1 50ul #38040-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

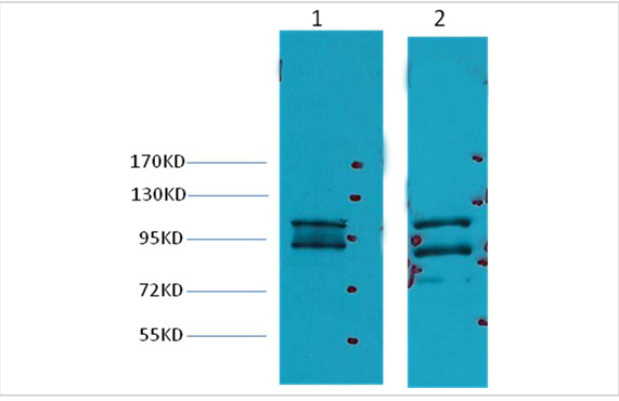
Description

Product Name	Insulin Degrading Enzyme Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	Affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Human
Specificity	IDE Mouse Monoclonal antibody detects endogenous IDE proteins.
Conjugates	Unconjugated
Target Name	Insulin Degrading Enzyme
SDS-PAGE MW	118kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

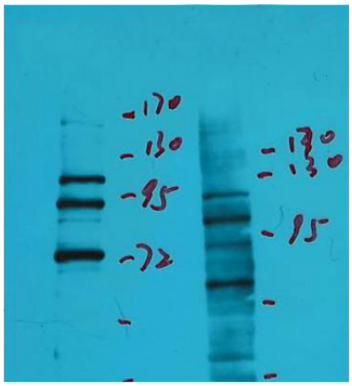
Application Details

Western blotting: 1:1000~1:2000

Images



Western blot analysis of 1) Hela, 2) HepG2, using #38040 diluted at 1:2,000.



Western blot analysis of Hela, HepG2, using #38040 diluted at 1:2,000.

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.

Published Papers

el at., FLZ alleviates the memory deficits in transgenic mouse model of Alzheimer's disease via decreasing beta-amyloid production and tau hyperphosphorylation. In PLoS One

on 2013 Nov 4 by Xiu-Qi Bao, Ning Li, et al..PMID: 24223757, , (2013)

PMID:24223757

Note: This product is for in vitro research use only and is not intended for use in humans or animals.