

Mouse anti-Human Insulin Degrading Enzyme Monoclonal Antibody | anti-IDE antibody

Insulin Degrading Enzyme Mouse Monoclonal Antibody

CATALOG # AAA300717	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Insulin Degrading Enzyme; Monoclonal Antibody; Insulin Degrading Enzyme Mouse Monoclonal Antibody; anti-IDE antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	IDE Mouse Monoclonal antibody detects endogenous IDE proteins.
Purity/Purification	Affinity purification using immunogen.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1019
Applicable Applications for anti-IDE antibody	IHC (Immunohistochemistry), WB (Western Blot)
Target Name	Insulin Degrading Enzyme
Preparation and Storage	Store at -20 degree C

IMAGES


WB (Western Blot)

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


WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-IDE antibody	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.
Product Categories/Family for anti-IDE antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	184556
NCBI GeneID	3416
Molecular Weight	54,240 Da
NCBI Official Full Name	insulin-degrading enzyme
NCBI Official Synonym Full Names	insulin-degrading enzyme
NCBI Official Symbol	IDE
NCBI Official Synonym Symbols	INSULYSIN
NCBI Protein Information	insulin-degrading enzyme
UniProt Protein Name	Insulin-degrading enzyme
UniProt Gene Name	IDE
UniProt Synonym Gene Names	Insulinase
UniProt Entry Name	IDE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/insulin-degrading-enzyme-antibody-immunohistochemistry-western-blot-elisa/300717>