

Anti-IDE antibody [3H4] (STJ96985)

STJ96985

GENERAL INFORMATION

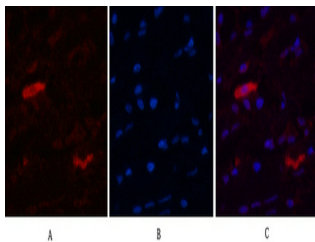
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Insulin-Degrading Enzyme is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and Immunocytochemistry research applications.
Applications	WB, IHC-P, IF, ICC
Host/Source	Mouse
Reactivity	Human

PRODUCT PROPERTIES

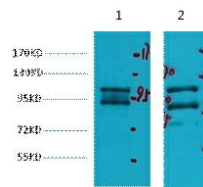
Clonality	Monoclonal
Clone ID	3H4
Concentration	
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:1000 IF 1:200 IHC 1:50-300
Formulation	PBS, pH 7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

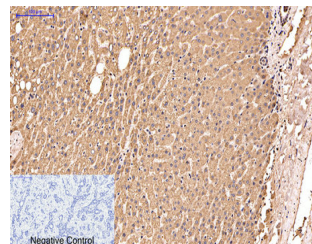
Gene ID	3416
Gene Symbol	IDE
Uniprot ID	IDE_HUMAN
Immunogen	Synthetic peptide of IDE
Immunogen Region	
Specificity	IDE monoclonal antibody (Insulin-Degrading Enzyme) binds to endogenous Insulin-Degrading Enzyme.
Immunogen Sequence	



Immunofluorescence analysis of Human-breast tissue. 1. IDE monoclonal antibody (3H4) (red) was diluted at 1:200 (4°C, overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3. Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



Western blot analysis of 1) HeLa, 2) HepG2, diluted at 1:2000



Immunohistochemical analysis of paraffin-embedded Human-liver-cancer tissue. 1. IDE monoclonal antibody (3H4) was diluted at 1:200 (4°C, overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3. Secondary antibody was diluted at 1:200 (room temperature, 50min). Negative control was used by secondary antibody only.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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