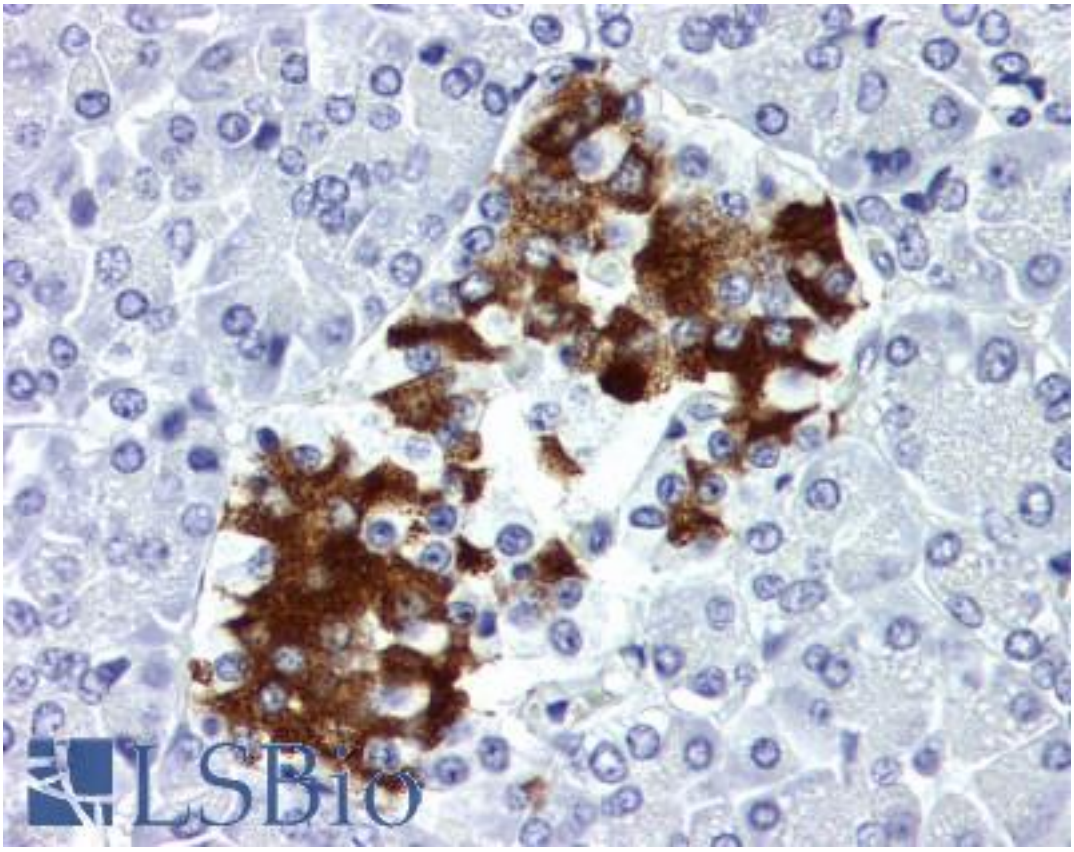
LSBio
LifeSpan BioSciences, Inc.

Insulin Mouse anti-Human Monoclonal (HRP) (8E2) Antibody - LS-B2407 - LSBio

CatalogID:	LS-B2407
Validation:	This antibody replaces catalog number LS-C24662. It has been validated for use in the following assays: IHC-P.
Target:	insulin
Synonyms:	INS Antibody, IRDN Antibody, IDDM2 Antibody, Preproinsulin Antibody, ILPR Antibody, Insulin Antibody, MODY10 Antibody, Proinsulin Antibody
Family / Subfamily:	Hormone / not assigned-Hormone
Host	INS antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1,k
Clone Name:	8E2
Conjugations:	Horseradish Peroxidase (HRP)
Immunogen Species:	Insulin antibody was raised against Human
Antigen Type:	Purified protein
Immunogen:	Insulin antibody was raised against purified human insulin.
Specificity:	Recognizes human Insulin. Species cross-reactivity: human proinsulin, bovine insulin (30%) and porcine insulin. Does not cross-react with free C-peptide.
Reactivity:	Human
Purification:	Protein A purified
Presentation:	PBS, pH 7.4, 0.05% Proclin 300
Recommended Storage:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles and prolonged exposure to light.
Usage Summary:	Immunohistochemistry: LS-B2407 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B2407 was determined to be 10 ug/ml.
Uses:	IHC - Paraffin (10 µg/ml), ELISA (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-Insulin antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2407 concentration 10 ug/ml.

Requested From:	Japan