

Anti-Insulin antibody [SM4960] (STJA0004960)

STJA0004960

GENERAL INFORMATION

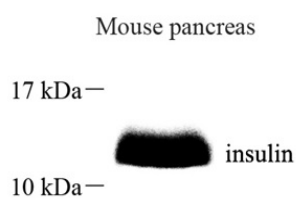
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Insulin is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence research applications.
Applications	WB/IHC/IF
Host/Source	Mouse
Reactivity	Mouse

PRODUCT PROPERTIES

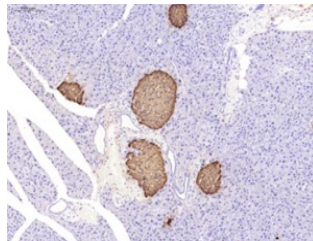
Clonality	Monoclonal
Clone ID	SM4960
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB (M) 1:1000-1:2000 IHC/IF (H, M, R) 1:1000-1:2000
Formulation	PBS with 0.02% sodium azide, 100 Mu g/ml BSA and 50% glycerol.
Isotype	IgG2a
Storage	Store at -20C for up to one year, and avoid repeated freeze-thaw cycles.
Instruction	

TARGET INFORMATION

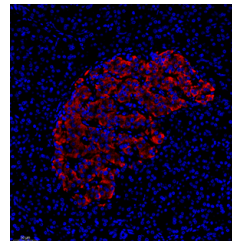
Gene ID	16333
Gene Symbol	Ins1
Uniprot ID	INS1_MOUSE
Immunogen	Recombinant protein corresponding to Mouse Insulin
Immunogen Region	
Specificity	
Immunogen Sequence	



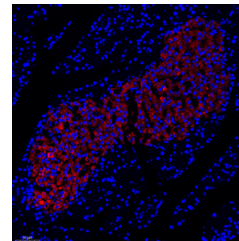
Western blot analysis of insulin. Sample: Protein treated by RIPA Lysis Buffer. Blocking buffer: 3% Nonfat dry milk in TBST, RT, 1h. Primary antibody: 1:1000, 4C overnight. Secondary antibody: HRP Goat Anti-mouse IgG, 1:3000, RT, 1h.



Immunohistochemistry analysis of insulin. Sample: mouse pancreas, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 4C overnight. Secondary antibody: HRP Goat Anti-mouse IgG, 1:200 RT 1h.



IF analysis of insulin. Sample: Human pancreas, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:500, 4C overnight. Secondary antibody: Cy3 conjugated Goat Anti-mouse IgG, 1:200 RT 1h.



IF analysis of insulin. Sample: mouse pancreas, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:500, 4C overnight. Secondary antibody: Cy3 conjugated Goat Anti-mouse IgG, 1:200 RT 1h.

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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