BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Insulin Ins2 Antibody (Monoclonal, 35I91)

Catalog Number: M32829

About Ins2

Insulin, synthesized by the beta cells of the islets of Langerhans, consists of 2 dissimilar polypeptide chains, A and B, which are linked by 2 disulfide bonds. The insulin gene contains 3 exons and 2 introns; exon 2 encodes the signal peptide, the B chain, and part of the C peptide, while exon 3 encodes the remainder of the C peptide and the A chain. Localization of the human insulin gene to the distal end of the short arm of chromosome 11. Harper et al. (1981) and Harper and Saunders (1981) assigned the insulin gene to 11p15.5 by in situ hybridization.

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Overview

Product Name	Anti-Insulin Ins2 Antibody (Monoclonal, 35I91)
Reactive Species	Human, Rabbit, Rat
Description	Boster Bio Anti-Insulin Ins2 Antibody (Monoclonal, 35I91) catalog # M32829. Tested in IHC applications. This antibody reacts with Human, Rabbit, Rat.
Application	IHC
Clonality	Monoclonal 35I91
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P01323

Technical Details

Immunogen	Human insulin.
Recommended Detection Systems	Boster recommends HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1

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Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.4-1ug/ml, Human, rabbit, rat

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For Research Use Only. Not for use in diagnostic procedures.