Product Informatiion Sheet

Monoclonal Anti-Insulin (Sepharose Bead Conjugate)

Catalogue No. MA1052-S

Lot No. 08A12

Clone: ISL-8J

Ig type: mouse IgG1

Size: 200µl

Specificity

Human, mouse, rat, chicken.

No cross reactivity with other proteins.

Recommended application

Immunoprecipitation(IP)

Immunogen

Purification

Purified by the goat anti-mouse IgG affinity chromatography.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN_3a_3 preservative.

Storage

Store at 4˚C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

BACKGROUND

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

REFERENCE

1 Harper, M. E.; Ullrich, A.; Saunders, G. F. : Localization of the human insulin gene to the distal end of the short arm of chromosome 11. Proc. Nat. Acad. Sci. 78: 4458-4460, 1981. 2 Owerbach, D.; Bell, G. I.; Rutter, W. J.; Shows, T. B. : The insulin gene is located on chromosome 11 in human. Nature 286: 82-84, 1980. 3 Huerre, C.; Gilgenkrantz, S.; Leonard, C.; Pictet, R.; Kaplan, J. C.; Junien, C. : Regional assignment of the structural gene for insulin to 11p15.1-11p15.5 by deletion mapping. (Abstract) Cytogenet. Cell Genet. 37: 495, 1984.

Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email:Info@antageneinc.com