

Product: Anti-Insulin/Proinsulin
Catalog #: 03-16049
Amount: 50 ml

CATEGORY: Guinea pig polyclonal
IMMUNOGEN: Synthetic human proinsulin
FORM: Undiluted serum (lyoph.)
DESCRIPTION/SPECIFICITY: Insulin is produced by the B-cells of the pancreatic islets and by insulin-producing islet of cell tumors.
Absorption with 10-100 µg proinsulin per ml diluted antiserum inactivates the antiserum, while C-peptide and insulin only partly reduce staining.
POSTIVE CONTROL: Formalin-fixed paraffin sections of human pancreas
SPECIES TESTED SO FAR: Human, pig
APPLICATION (tested so far):
- Immunofluorescence
- Immunohistochemistry, suitable for frozen and paraffin sections
WORKING DILUTION
1:300 - 1:500 PAP
1:100 – 1:200 (immunofluorescence microscopy using FITC) with overnight incubation at 2-8°C
DILUTION BUFFER: 0.1 M PBS containing 1% BSA and 0.1% NaN₃.
STORAGE: 2-8°C for immediate use, or at -20°C (aliquot)

REFERENCE:
Myrsén et al. (1996) Diabetes **45**: 1306-1313

This product is sold for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications. The information presented is believed to be accurate; however, said information and products are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. Nothing disclosed herein is to be construed as a recommendation to use our products in violation of any patents. Under no circumstances shall ARP American Research Products, Inc. be liable for damages, whether consequential, compensatory, incidental or special, strict liability or negligence, breach of warranty or any other theory arising out of the use of the products available from ARP American Research Products, Inc. Nothing contained herein warrants that the use of the products will not infringe on the claims of any patents covering the product itself or the use thereof in combination with other products or in the operation of any process.