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Information

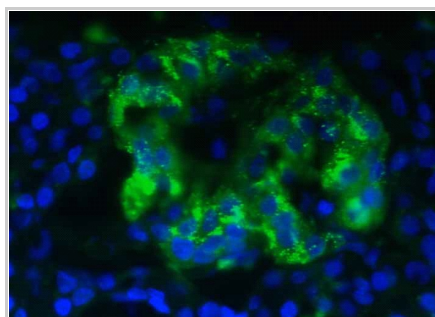
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Monoclonal Human Pro-Insulin raised in Mouse - Antibody RES301**Antibody Information**

Antibody ID:	AB2009
Antigen:	Pro-Insulin (NCBI Gene ID: 3630)
Type:	Monoclonal
Isotype:	IgG1
Immunogen Source:	Human Pro-Insulin
Raised In:	Mouse
Peptide:	<i>Not provided</i>
Source of Antigen:	Human
Cross Reacts With:	Mouse,Rat,Human
Affinity Purified:	Affinity Purified
Purity Details:	<i>Not provided</i>
Positive Control:	Human Pancreas or NHI6F Cells
Notes:	The epitope spans the B-C junction of proinsulin which is destroyed during prohormone processing. The antibody reacts neither to insulin nor to C-peptide. The antibody works on both unfixed, formalin- and PFA-fixed human tissue. Cross-reaction to mouse and rat proinsulins requires aldehyde-fixation.

Applications and Uses

Application	Concentration	Storage Buffer	Protocols and Description
IHC-F	IF : 0.2 ug/ml and with TSA : 0.06 ug/ml	PBS with 0.05% Sodium Azide	Description: <i>Not provided</i> Protocols: <i>Not provided</i>
IHC-AIFr	IF: 0.2 ug/ml, with TSA: 0.06 ug/ml	PBS with 0.05% Sodium Azide	Description: <i>Not provided</i> Protocols: 1. Fluorescent IHC staining of fixed frozen sections

Associated Images**Image 1**

Description:
IHC staining of frozen human pancreas with DAPI (blue) and GS-9A8 (green)


Reference:
Not provided

Image 2


Description:
IHC staining of frozen human pancreas with anti-Insulin antibody (red) and GS-9A8 (green)

Reference:
Not provided

Access Status

 This resource is publicly viewable.

Request this Resource


 Request from a repository


Primary contributor: [Antibody Core \(Retired\)](#)

Co-contributed by:
• [Antibody Core \(USA\)](#)

Resource Tags

AbCore, antibody, DSHB, Human, Monoclonal, Pro-Insulin

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Resource History & Actions

Approved on
Last modified on Nov 09, 2010

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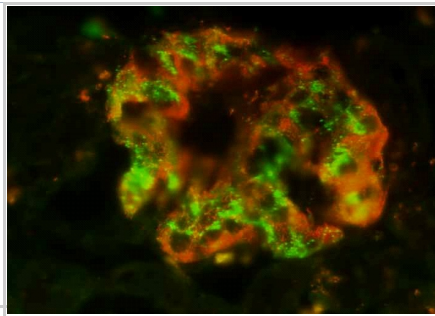
Related resources**BCBC**

No matching resources

Other Consortia


No matching resources

Data courtesy of [dkCOIN](#). Only public resources are displayed.



Repositories

DSHB - Madsen

 Request via [dshb.biology.uiowa.edu/Welcome?search=madsen website](http://dshb.biology.uiowa.edu/Welcome?search=madsen%20website)

Stock #: GS-9A8

Availability Notes: Supplied in 100ug aliquots

BCBC members may [Login](#) to request this resource.

Contact Information

Preferred Contact

Name	Developmental Studies Hybridoma Bank
Institution	<i>Not provided</i>
Phone	319-335-3826
Email	dshb@uiowa.edu

Associated Publications


Publication Citation

[6207064](#) Madsen OD, Frank BH, Steiner DF [Human proinsulin-specific antigenic determinants identified by monoclonal antibodies.](#) (1984) *Diabetes* **33**: 1012-6 (Added November 09, 2010)

[6196183](#) Madsen OD, Cohen RM, Fitch FW, Rubenstein AH, Steiner DF [The production and characterization of monoclonal antibodies specific for human proinsulin using a sensitive microdot assay procedure.](#) (1983) *Endocrinology* **113**: 2135-44 (Added November 09, 2010)

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