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**Monoclonal Mouse Ngn3 raised in Mouse - Antibody RES305****Antibody Information**

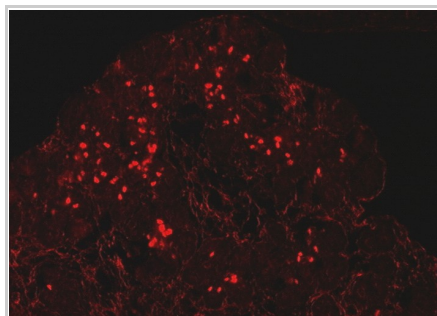
<b>Antibody ID:</b>	AB2013
<b>Antigen:</b>	Ngn3 (NCBI Gene ID: <a href="#">11925</a> )
<b>Type:</b>	Monoclonal
<b>Isotype:</b>	IgG1
<b>Immunogen Source:</b>	Fusion Protein
<b>Raised In:</b>	Mouse
<b>Peptide:</b>	GST-mNgn3(aa1-aa95)
<b>Source of Antigen:</b>	Mouse
<b>Cross Reacts With:</b>	Mouse
<b>Affinity Purified:</b>	Affinity Purified
<b>Purity Details:</b>	<i>Not provided</i>
<b>Positive Control:</b>	Mouse Pancreas
<b>Notes:</b>	<i>Not provided</i>

**Applications and Uses**

Application	Concentration	Storage Buffer	Protocols and Description
WB	0.5 ug/ml	PBS, 0.05% Sodium Azide	Description: <i>Not provided</i> Protocols: <i>Not provided</i>
IHC-AIP	1:2000	PBS with 0.05% Sodium Azide	Description: IHC staining is performed with TSA, as staining without gives a weak signal Protocols: <ol style="list-style-type: none"> <li><a href="#">IHC staining with TSA</a></li> </ol>

**Associated Images**

Image 1



**Description:**  
IHC staining of Mouse Pancreas with anti-mNgn3 mAb F25A1B3 using TSA amplification


**Reference:**  
*Not provided*

Image 2


**Description:**  
WB with anti-Ngn3 mAb F25A1B3

**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, Monoclonal, Mouse, Ngn3

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**Resource History & Actions**

Approved on  
Last modified on Apr 13, 2012

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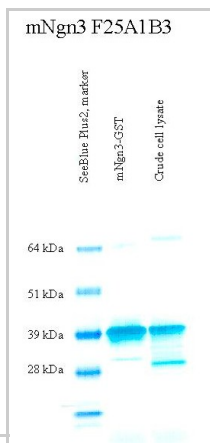
**Related resources****BCBC**

*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 #:** F25A1B3  
**Availability Notes:** Supplied in 100ug aliquots

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

## Contact Information

### Preferred Contact


<b>Name</b>	Developmental Studies Hybridoma Bank
<b>Institution</b>	<i>Not provided</i>
<b>Phone</b>	319-335-3826
<b>Email</b>	<a href="mailto:dshb@uiowa.edu">dshb@uiowa.edu</a>


## Associated Publications

### Publication Citation

- [22406641](#) Talchai C, Xuan S, Kitamura T, Depinho RA, Accili D [Generation of functional insulin-producing cells in the gut by Foxo1 ablation.](#) (2012) *Nat Genet* **44**: 406-12 (Added April 13, 2012)
- [15684667](#) Zahn S, Pedersen J, Serup IL, Madsen P [Generation of monoclonal antibodies against mouse neurogenin 3: a new immunocytochemical tool to study the pancreatic endocrine progenitor cell.](#) (2004) *Hybrid Hybridomics* **23**: 385-8 (Added June 20, 2005)

## Comments

-  03/29/2005 06:56 AM  
[Inger Lund Pedersen](#)
- For E14.5d mouse pancreas, the IF-TSA (from Molecular Probes) approach much better than conventional IF(using the protocol available from the BCBC website); 1:4,000 dilution optimal with TSA. Clear and strong nuclear signals; good signal to background ratio. Most valuable of the three new monoclonals because of continued effectiveness at high dilution.

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