### Anti – PDX1

<table>
<thead>
<tr>
<th>Cat No.</th>
<th>Size</th>
<th>Conjugation</th>
<th>Price</th>
<th>Application</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>KR059</td>
<td>25 μg/100 μl</td>
<td>-</td>
<td>¥49,000</td>
<td>IH</td>
<td></td>
</tr>
</tbody>
</table>

**Host:** Rabbit  
**Specificity:** Mouse  
**Isotype:** -  
**Clonality:** Polyclonal Antibody  
**Immunogen:** Partial peptide of mouse PDX1 (N terminal)  
**Purity:** Antigen Affinity Purified  
**Cross Reactivity:** Not tested

Pancreas duodenum homeobox 1 (PDX1) is a transcription factor encoded by homeodomain gene. This protein promotes the transcription of the pancreatic genes such as insulin and somatostatin, so that it is indispensable for keeping normal function of pancreatic beta cell. As it is involved in secretion of insulin, PDX1 becomes therapeutic target against pancreatic diseases such as diabetes and cancer. This antibody specifically reacts with PDX1 in mouse pancreas and foregut (primordial pancreas). This antibody is useful for immunohistochemistry and could become good research tool for studying pancreatic function, embryology, and diabetes.

### Anti – Initiate Factor3

<table>
<thead>
<tr>
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<th>Price</th>
<th>Application</th>
<th>Note</th>
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<tbody>
<tr>
<td>KR070</td>
<td>25 μg/100 μl</td>
<td>-</td>
<td>¥49,000</td>
<td>IH</td>
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</tbody>
</table>

**Host:** Rabbit  
**Specificity:** Mouse  
**Isotype:** -  
**Clonality:** Polyclonal Antibody  
**Immunogen:** Partial peptide of mouse Initiate Factor3 (N terminal)  
**Purity:** Antigen Affinity Purified  
**Cross Reactivity:** Not tested

Initiate Factor 3 (IF3) is a novel gene isolated from mouse oocyte. IF3 is a secretory protein and expressed in oocyte, ovary and liver by mRNA level. It became clear that IF3 regulated differentiation. This antibody was established from the purified serum immunized with partial peptide of mouse IF3. This antibody is useful for studying IF3 in liver and embryo.

### Anti – Keratin12

<table>
<thead>
<tr>
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<th>Price</th>
<th>Application</th>
<th>Note</th>
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<tbody>
<tr>
<td>KR074</td>
<td>25 μg/100 μl</td>
<td>-</td>
<td>¥49,000</td>
<td>IH</td>
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</tbody>
</table>

**Host:** Rabbit  
**Specificity:** Rabbit  
**Isotype:** -  
**Clonality:** Polyclonal Antibody  
**Immunogen:** Partial peptide of rabbit Keratin12 (C terminal)  
**Purity:** Antigen Affinity Purified  
**Cross Reactivity:** Human, Mouse

Keratin is one of the major components of intermediate filament cytoskeleton of epithelial cells. Keratin 12 is known as a differentiation marker specific for ocular surface epithelia. This antibody was obtained from rabbit serum immunized with partial peptide of rabbit Keratin 12 and partially purified with affinity chromatography. This antibody cross-reacts with human and mouse Keratin 12.

### Anti – Hlxb9

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<thead>
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<th>Note</th>
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</thead>
<tbody>
<tr>
<td>KR077</td>
<td>25 μg/100 μl</td>
<td>-</td>
<td>¥49,000</td>
<td>IH</td>
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**Host:** Rabbit  
**Specificity:** Mouse  
**Isotype:** -  
**Clonality:** Polyclonal Antibody  
**Immunogen:** Partial peptide of mouse Hlxb9 (N terminal)  
**Purity:** Antigen Affinity Purified  
**Cross Reactivity:** Not tested

Sample: Mouse pancreatic islets of Langerhans
### Anti – Calpain6

<table>
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<tr>
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<th>Application</th>
<th>Note</th>
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</thead>
<tbody>
<tr>
<td>KR084</td>
<td>50 μg/200 μl</td>
<td>—</td>
<td>¥49,000</td>
<td>IH, WB</td>
<td></td>
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</tbody>
</table>

**Host**: Rabbit  
**Specificity**: Human  
**Isotype**: —  
**Clonality**: Polyclonal Antibody  
**Immunogen**: Partial peptide of human Calpain6 (C terminal)  
**Purity**: Antigen Affinity Purified  
**Cross Reactivity**: Not tested

Preparation of antibodies and instruction:  
Kurihara H., Tonami K. Department of Physiological Chemistry and Metabolism Graduate School of Medicine, The University of Tokyo

### Anti – MFH

<table>
<thead>
<tr>
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<th>Conjugation</th>
<th>Price</th>
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<th>Note</th>
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<tbody>
<tr>
<td>KJ091</td>
<td>50 μg/200 μl</td>
<td>—</td>
<td>¥55,000</td>
<td>IH, WB</td>
<td></td>
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</tbody>
</table>

**Host**: Mouse  
**Specificity**: Rat  
**Isotype**: IgG1  
**Clonality**: Monoclonal Antibody (A3)  
**Immunogen**: MFH cell line (MT-8)  
**Purity**: ProteinG Affinity Purified  
**Cross Reactivity**: Not tested

Drs. Yamate, J. at Laboratory of Veterinary Pathology, Graduate School of Agriculture and Biological Sciences, Osaka Prefecture University

**Malignant fibrous histiocytoma**

Positive Sample of Immunohistochemistry

Sample: NIH3T3 cell lysate

Rat MFH culture cell line (MT-9)
Our International Distributor

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E-mail   : techstaff@transgenic.co.jp