



PDX1 (Phospho-Ser61) mouse mAb

Catalog No BYmab-10559 Isotype IgG Reactivity Human; Mouse;Rat Applications WB Gene Name PDX1 IPF1 Protein Name PDX1 (Phospho-Ser61) Immunogen Synthesized peptide derived from human PDX1 (Phospho-Ser61) Specificity This antibody detects endogenous levels of PDX1 (Phospho-Ser61) at Human, Mouse, IgG Formulation Liquid in PBS containing 50% glycerol, and 0.215% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Pancreas/duodenum homeobox protein 1 (PDX-1) (Glucose-sensitive factor) (GSF) (Insulin promoter factor 1) (IPF-1) (Insulin upstream factor 1) (IUF-1) (Islet/duodenum homeobox-1) (IDX-1) (Somatostatin-transactivating factor 1) (ISlet/duodenum homeobox-1) (IDX-1) (Somatostatin-transactivating factor 1) (ISlet/duodenum homeobox-1) (IDX-1) (Somatostatin-transactivating factor 1) (ISlet/duodenum and pancreas (Langerhans islet beta cells and small subsets of endocrine non-beta-cells, at low levels in acinar cells). Function d		
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dia	abetes of the young type 4 (MODY4) [MIM:606392]; also symbolized MODY-4. ODY [MIM:606391] is a form of diabetes mellitus characterized by an autosomal
M	ODY [MIM:606391] is a form of diabetes mellitus characterized by an autosomal
do	ominant mode of inheritance, age of onset of 25 years or younger and a primary
de	fect in insulin secretion.,domain:The A

Background

The protein encoded by this gene is a transcriptional activator of several genes, including insulin, somatostatin, glucokinase, islet amyloid polypeptide, and glucose transporter type 2. The encoded nuclear protein is involved in the early development of the pancreas and plays a major role in glucose-dependent regulation of insulin gene expression. Defects in this gene are a cause of pancreatic agenesis, which can lead to early-onset insulin-dependent diabetes mellitus (NIDDM), as well as maturity onset diabetes of the young type 4 (MODY4). [provided by RefSeq, Jul 2008],

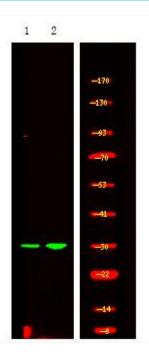
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using PDX1 (Phospho-Ser61) mouse mAb

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