



RFX6 mouse mAb

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| Catalog No | BYmab-12165 |
| Isotype | IgG |
| Reactivity | Human; Mouse |
| Applications | WB |
| Gene Name | RFX6 RFXDC1 |
| Protein Name | RFX6 |
| Immunogen | Synthesized peptide derived from human RFX6 AA range: 264-314 |
| Specificity | This antibody detects endogenous levels of RFX6 at Human/Mouse |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% 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 | |
| Observed Band | |
| Cell Pathway | Nucleus . |
| Tissue Specificity | Expressed in pancreas (PubMed:25497100). Expressed in pancreatic beta-cells (insulin-positive cells) and alpha-cells (glucagon-positive cells) (at protein level). Specifically expressed in pancreas, small intestine and colon (PubMed:20148032). Expressed in endocrine cells in the islets (PubMed:25497100). |
| Function | similarity:Belongs to the RFX family., |
| Background | The nuclear protein encoded by this gene is a member of the regulatory factor X (RFX) family of transcription factors. Studies in mice suggest that this gene is specifically required for the differentiation of islet cells for the production of insulin, but not for the differentiation of pancreatic polypeptide-producing cells. It regulates the transcription factors involved in beta-cell maturation and function, thus, restricting the expression of the beta-cell differentiation and specification genes. |

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Mutations in this gene are associated with Mitchell-Riley syndrome, which is characterized by neonatal diabetes with pancreatic hypoplasia, duodenal and jejunal atresia, and gall bladder agenesis.[provided by RefSeq, Sep 2010],

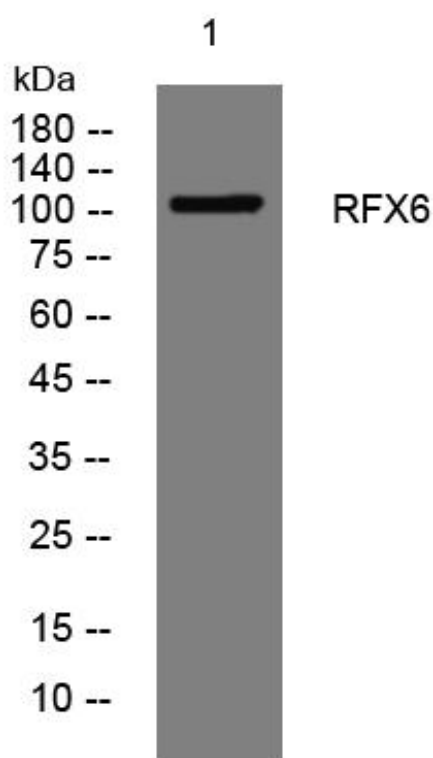
matters needing attention

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 RFX6 mouse mAb