Recombinant PRDM4/PFM1 Monoclonal Antibody

catalog number: **AN302044L**

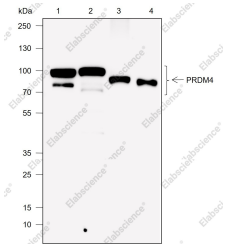
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Peptide. This information is proprietary to PTMab
Host	Rabbit
Isotype	Rabbit IgG
Clone	C121665
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000
IHC	1:500

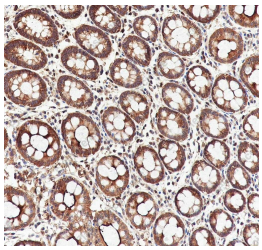
Data



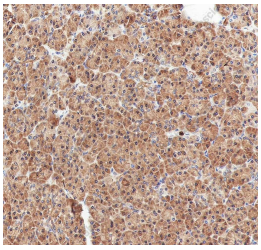
Western Blot with PRDM4/PFM1 Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: 293T, Lane 3: Mouse heart, Lane 4: Rat heart

Observed-MW:100 kDa

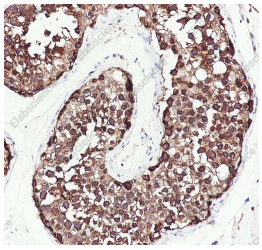
Calculated-MW:88 kDa



Immunohistochemistry of paraffin-embedded Human colon using PRDM4/PFM1 Monoclonal Antibody at dilution of 1:500.



Immunohistochemistry of paraffin-embedded Human pancreas using PRDM4/PFM1 Monoclonal Antibody at dilution of 1:500.



Immunohistochemistry of paraffin-embedded Human testis using PRDM4/PFM1 Monoclonal Antibody at dilution of 1:500.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
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Web: www.elabscience.com
Email: techsupport@elabscience.com

The PRDM family members are characterized by the presence of a PR (positive regulatory) domain and multiple zinc finger (ZnFg) domains. The PR domain defines a family of transcription factors involved in cell differentiation and tumorigenesis. PRDM proteins are either epigenetic modifiers in their own right or else they recruit third party chromatin modifiers - e.g. histone deacetylases (HDACs), histone lysine MTases or histone arginine MTases - to regulate cell type-specific gene expression in various tissues (PRDM4 as an HDAC-associated transcriptional repressor that modulates cell cycle progression.

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