Recombinant DMRT1 Monoclonal Antibody

catalog number: **AN301976L**

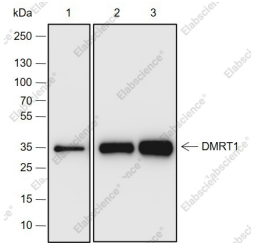
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Peptide. This information is proprietary to PTMab
Host	Rabbit
Isotype	Rabbit IgG
Clone	C331597
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000

Data



Western Blot with DMRT1 Monoclonal Antibody at dilution of 1:1000. Lane 1: HL-60, Lane 2: LNCap, Lane 3: PC-3

Observed-MW:34 kDa

Calculated-MW:39 kDa

Preparation & Storage

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

Background

DMRT1, also named as DMT1, belongs to the DMRT family. DMRT1 is one of the most conserved transcription factors in a variety of species and is involved in sex determination and germ cell differentiation. DMRT1 prevents sexual switch from male to female, represses pluripotency, and balances mitosis versus meiosis. DMRT1 also maintains spermatogenesis and replenishes mGSCs by collaborating with Plzf and Sal-like protein 4.

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