Recombinant SOX1 Monoclonal Antibody

catalog number: AN301660L

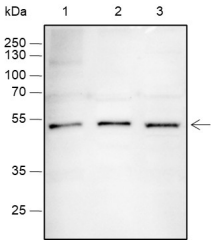
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human SOX1 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A363
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:200-1:1000
IF	1:50
FCM	1:50-1:100

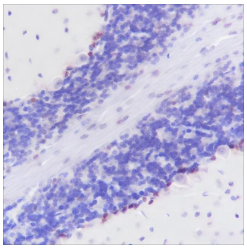
Data



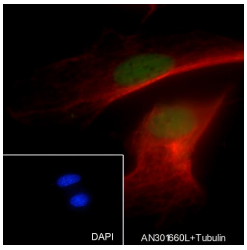
Western Blot with SOX1 Monoclonal Antibody at dilution of 1:2000. Lane 1: SH-SY5Y, Lane 2: Mouse cerebellum, Lane 3: Rat cerebellum

Observed-MW:50 kDa

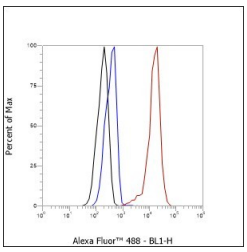
Calculated-MW:39 kDa



Immunohistochemistry of paraffin-embedded Mouse cerebellum using SOX1 Monoclonal Antibody at dilution of 1:1000.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed NIH-3T3 cells using anti-SOX1 Monoclonal Antibody at dilution of 1:50.



Flow cytometric analysis of mouse SOX1 expression on MCF-7 cells. Cells were stained with purified anti-Mouse SOX1, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

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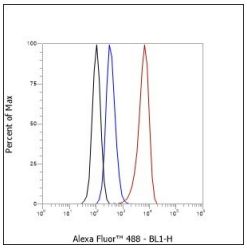

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Preparation & Storage

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

Background

Transcriptional activator. May function as a switch in neuronal development. Keeps neural cells undifferentiated by counteracting the activity of proneural proteins and suppresses neuronal differentiation.

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