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Recombinant Pin1 Monoclonal Antibody

catalog number: AN301805L

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

Description

Reactivity Human;Rat;Mouse

Immunogen Recombinant human Pin1 fragment

Host Rabbit Isotype lgG, κ Clone A517

Purification Protein Apurified

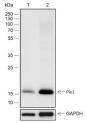
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

1:2000-1:10000 WB

IF 1:50 1:50-1:100 **FCM**

Data



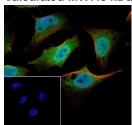
Western Blot with Pin1 Monoclonal Antibody at dilution of

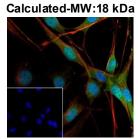
1:10000. Lane 1: Mouse skin (Low expression), Lane 2: Mouse brain

Western Blot with Pin1 Monoclonal Antibody at dilution of 1:10000. Lane 1: Mouse spleen, Lane 2: NIH/3T3, Lane 3:

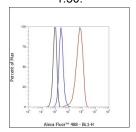
> PC-12, Lane 4: MCF-7, Lane 5: HeLa Observed-MW:18 kDa

Observed-MW:18 kDa Calculated-MW:18 kDa





Immunofluorescent analysis of (4% Paraformaldehyde) fixed Immunofluorescent analysis of (4% Paraformaldehyde) fixed HeLa cells using anti-Pin1 Monoclonal Antibody at dilution of NIH-3T3 cells using anti-Pin1 Monoclonal Antibody at 1:50. dilution of 1:50.



For Research Use Only

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Flow cytometric analysis of mouse Pin1 expression on HeLa cells. Cells were stained with purified anti-Mouse Pin1, 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.

Preparation & Storage

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

Shipping Ice bag

Background

Pin1 is a member of the parvulin family of peptidyl-prolyl isomerases (PPlase). It has been implicated in the G2/M transition of the mammalian cell cycle. Pin1 is a small (18 kDa) protein with two distinct functional domains: an amin o-terminal WW domain and a carboxy-terminal PPlase domain. Pin1 interacts with several mitotic phosphoproteins, including Plk1, cdc25C and cdc27, and is thought to act as a phosphorylation-dependent PPlase for these target molecules.

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