

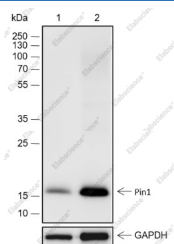
Recombinant Pin1 Monoclonal Antibody

catalog number: **AN301805L**

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

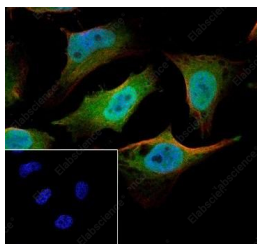
Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human Pin1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C171427
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	
WB	1:2000-1:10000
IF	1:50
FCM	1:50-1:100

Data

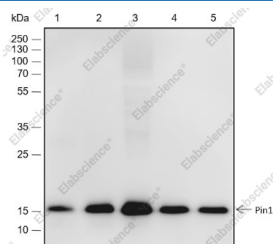


Western Blot with Pin1 Monoclonal Antibody at dilution of 1:10000. Lane 1: Mouse skin (Low expression), Lane 2: Mouse brain

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

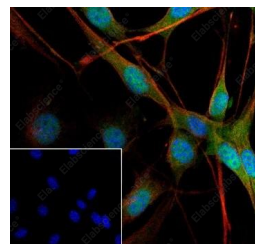


Immunofluorescent analysis of (4% Paraformaldehyde) fixed HeLa cells using anti-Pin1 Monoclonal Antibody at dilution of 1:50.

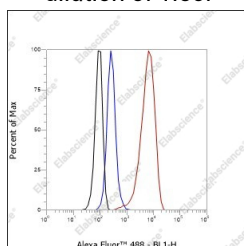


Western Blot with Pin1 Monoclonal Antibody at dilution of 1:10000. Lane 1: Mouse spleen, Lane 2: NIH/3T3, Lane 3: PC-12, Lane 4: MCF-7, Lane 5: HeLa

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



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



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Rev. V1.3

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 amino-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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