

## PD1 monoclonal antibody

Catalog: MB22528

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes a cell surface membrane protein of the immunoglobulin superfamily. This protein is expressed in pro-B-cells and is thought to play a role in their differentiation. In mice, expression of this gene is induced in the thymus when anti-CD3 antibodies are injected and large numbers of thymocytes undergo apoptosis. Mice deficient for this gene bred on a BALB/c background developed dilated cardiomyopathy and died from congestive heart failure. These studies suggest that this gene product may also be important in T cell function and contribute to the prevention of autoimmune diseases.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

31.6KD

### Swiss-Prot:

Q15116

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000    FC:1/200 - 1/400

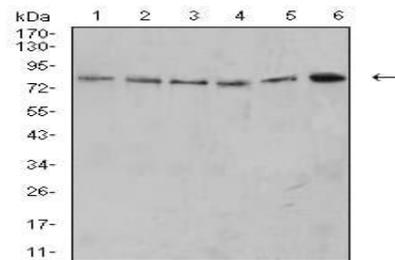
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

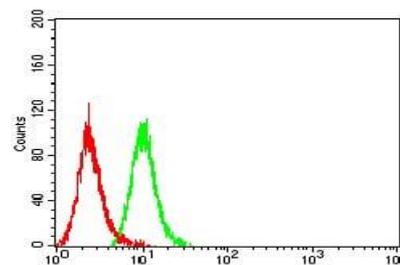
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using PD1 mouse mAb against MOLT4 (1), K562 (2), Ramos (3), HL-60 (4), THP-1 (5), and U937 (6) cell lysate.



Flow cytometric analysis of HeLa cells using PD1 mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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