

## PD1 monoclonal antibody

Catalog: MB22897

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:

31.6kDa

### 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

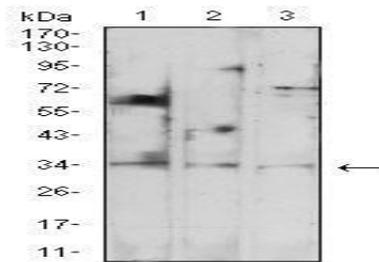
### Storage&Stability:

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

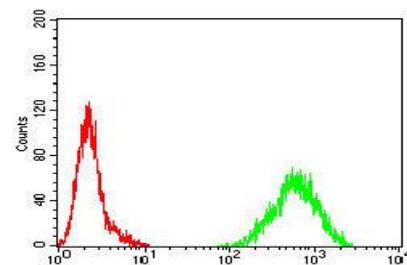
### Isotype:

Mouse IgG2b

### DATA:



Western blot analysis using PD1 mouse mAb against Jurkat (1), U937 (2), and Hek293 (3) 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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