

## CD273 monoclonal antibody

Catalog: MB67189

Host: Mouse

Reactivity: Human

### BackGround:

Involved in the costimulatory signal, essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production (By similarity).

### Product:

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

### Molecular Weight:

~ 55 kDa

### Swiss-Prot:

Q9BQ51

### Purification&Purity:

This antibody is purified through a protein G column.

### Applications:

WB (1/1000 - 1/4000), IHC (1/50 - 1/200)

### Storage&Stability:

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

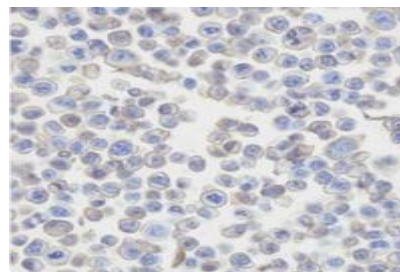
### Specificity:

Recognizes endogenous levels of CD273 protein.

### DATA:



Western blot analysis of CD273 expression in Nontransfected 293T (A), Transfected PDL2transfected 293T (B) whole cell lysates.



Immunocytochemistry analysis of CD273 staining in PD-L2-transfected 293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a HRP-conjugated secondary antibody in PBS at room temperature. DAB was used as the chromogen.

### Note:

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

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