Product Name: **CD273 Mouse Monoclonal Antibody**
Catalog #: **AMM82588**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,ELISA,FC
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	31.6kDa

Antigen Information

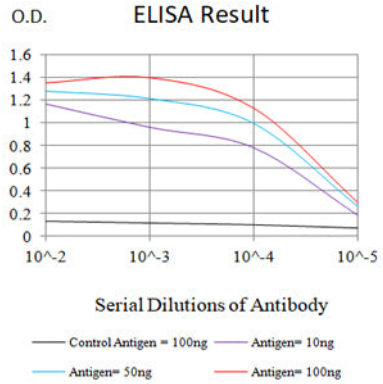
Gene Name	CD273
Alternative Names	B7DC; Btdc; PDL2; CD273; PD-L2; PDCD1L2; bA574F11.2
Gene ID	80380.0
SwissProt ID	Q9BQ51
Immunogen	Purified recombinant fragment of human CD273 (AA: 20-220) expressed in E. Coli.

Background

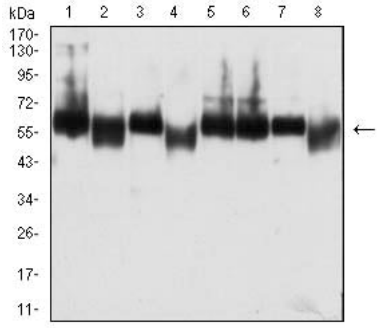
PDCD1LG2 (Programmed Cell Death 1 Ligand 2) is a Protein Coding gene. Diseases associated with PDCD1LG2 include Cysticercosis and Testicular Lymphoma. Among its related pathways are Innate Immune System and Class I MHC mediated antigen processing and presentation. An important paralog of this gene is CD274.

Research Area

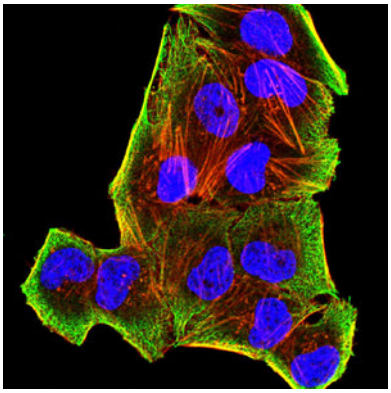
Image Data



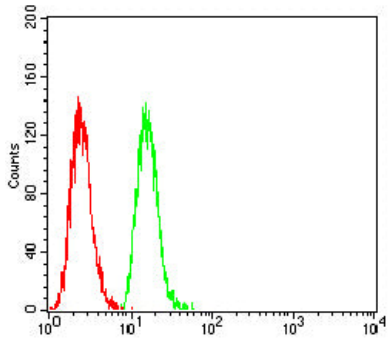
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



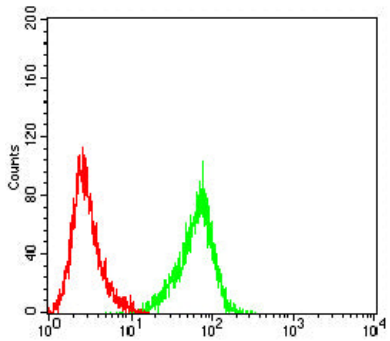
Western blot analysis using CD273 mouse mAb against HepG2 (1), Hela (2),NIH/3T3 (3),PC-12 (4),K562 (5),Jurkat (6),MCF-7 (7), and HEK293-6e (8) cell lysate.



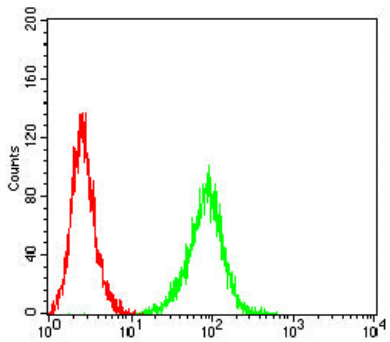
Immunofluorescence analysis of Hela cells using CD273 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of Hela cells using CD273 mouse mAb (green) and negative control (red).



Flow cytometric analysis of Jurkat cells using CD273 mouse mAb (green) and negative control (red).



Flow cytometric analysis of K562 cells using CD273 mouse mAb (green) and negative control (red).