Mouse Anti-Human CD274 (PD-1), FITC Conjugated mAb

Catalog No: #CM028

Package Size: #CM028-1 25T #CM028-2 100T

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Description

Product Name	Mouse Anti-Human CD274 (PD-1), FITC Conjugated mAb
Host Species	Mouse
Clonality	Monoclonal
Clone No.	2H11
Isotype	Mouse IgG1, κ
Applications	FC
Species Reactivity	Hu
Specificity	This antibody recognizes human PD-L1 in Western blot and FACS. It cross reacts with mouse PD-L1.
Immunogen Description	L929/PD-L1 transfected cells
Other Names	Programmed cell death ligand 1 (PD-L1), B7 homolog 1 (B7-H1)
Formulation	Lyophilized from a 0.2μm filtered solution in phosphate buffered saline (PBS) and reconstitute with sterile PBS .
Storage	Store protected from light at 2-8°C. Do not freeze. The expiration date is indicated on the vial label.

Application Details

Preparation:This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with L929/PD-L1 transfected cells). The monoclonal antibody was purified from tissue culture supernatant or ascites by protein G affinity chromatography.

Product Notices:This reagent has been pre-diluted for use at the recommended Volume per Test.

We typically use 1 10^6 cells in a 100-?l experimental sample (per test).

An isotype control should be used at the same concentration as the antibody of interest.

Product Description

B7-H1 (also known as PD-L1 or CD274) is a B7 family member and it is a ligand for PD-1 (programmed death-1, a member of the CD28 family). PD-L1 is constitutively expressed on a wide variety of immunocytes and nonhematopoietic cell types including some malignant tumors, suggesting the potential mechanism of immune evasion. The enhancement of T cell responses via blockade of PD-1/PD-L1 pathway may be a potential therapeutic strategy for tumor treatment.

Note: This product is for in vitro research use only