Product Name: PD-L1 Rabbit Monoclonal Antibody
Catalog #: AMRe86409

Summary

Production Name	PD-L1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P, ICC/IF, FC, IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	PD-L1
Alternative Names	B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1
Gene ID	29126
SwissProt ID	Q9NZQ7.

Application

Dilution Ratio	WB: 1:1000 IHC-P: 1:100-1:200 ICC/IF: 1:200-1:500 FC: 1:200-1:500 IP: 1:20-1:50
Molecular Weight	Calculated MW:33 kDa; Observed MW:40-50 kDa

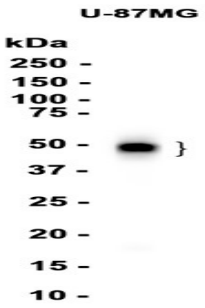
Background

This gene encodes an immune inhibitory receptor ligand that is expressed by hematopoietic and non-hematopoietic cells,

such as T cells and B cells and various types of tumor cells. The encoded protein is a type I transmembrane protein that has immunoglobulin V-like and C-like domains. Interaction of this ligand with its receptor inhibits T-cell activation and cytokine production. During infection or inflammation of normal tissue, this interaction is important for preventing autoimmunity by maintaining homeostasis of the immune response. In tumor microenvironments, this interaction provides an immune escape for tumor cells through cytotoxic T-cell inactivation. Expression of this gene in tumor cells is considered to be prognostic in many types of human malignancies, including colon cancer and renal cell carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]

Research Area

Image Data



Western blot analysis of extracts from U-87MG cells using AMRe86409 at 1:1000.

Note

For research use only.