

PD-L1 Mouse Monoclonal Antibody

Catalog #: EAB21399

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Mouse IgG1	Monoclonal	WB, IP, IHC-P, IF/ICC, FC	33	Human, Mouse, Rat, Pig

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:1000-5000
IP(Immunoprecipitation)	1:100-500
IHC-P(Immunohistochemistry-Paraffin)	1:1000-5000
IF/ICC(Immunofluorescence/Immunocytochemistry)	1:100-500
FC(Flow Cytometry)	1:100-500

Product Information

Conjugate	Unconjugate
Specificity	PD-L1 Mouse Monoclonal Antibody detects endogenous levels of PD-L1 protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol.
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks.
UniProt ID	Q9NZQ7
Entrez-Gene ID	29126

Product Description

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.

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