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Datasheet for ABIN7454042

Recombinant anti-PD-L1 antibody (C-Term)

Overview

Quantity:	100 µg
Target:	PD-L1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This PD-L1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (fixed cells) (IF/ICC), Multiplex Immunofluorescence (mIF)

Product Details

Purpose:	Rabbit anti-PD-L1 Recombinant Monoclonal Antibody [BLR020E]
Immunogen:	between AA 250 to 290 (C-term)
Clone:	BLR020E
Isotype:	IgG

Target Details

Target:	PD-L1
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Target Details

Alternative Name: [PD-L1 \(PD-L1 Products\)](#)

Background: Background: PD-L1 is 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. PD-L1 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 [taken from NCBI Entrez Gene (Gene ID: 55193)].

Gene ID: 29126

NCBI Accession: [NP_054862](#)

UniProt: [Q9NZQ7](#)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Borate Buffered Saline (BBS) pH 8.2 with 0.09 % Sodium Azide, BSA-Free

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months
