

Datasheet for ABIN7455244

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



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Overview

Quantity:	100 µL
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), Immunoprecipitation (IP), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (fixed cells) (IF/ICC), Multiplex Immunofluorescence (mIF), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

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:	<p>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.</p> <p>Interaction of this ligand with its receptor inhibits T-cell activation and cytokine production.</p> <p>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)].</p>
Gene ID:	29126
NCBI Accession:	NP_054862
UniProt:	Q9NZQ7
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	<p>ICC-IF: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections.</p> <p>IHC-IF: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</p> <p>IHC: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</p> <p>IP: 20 µL/mg lysate</p> <p>WB: 17:40:00</p>
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	Borate Buffered Saline (BBS) pH 8.2 with 0.1 % BSA and 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months