

## PD-L1/CD274 polyclonal antibody

Catalog: BS6850

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

35KDa

### Swiss-Prot:

Q9NZQ7

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB, 1:500 - 1:1000 | IHC, 1:50 - 1:100

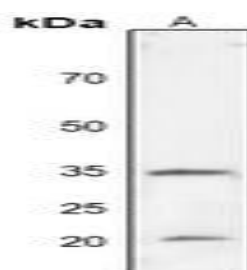
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

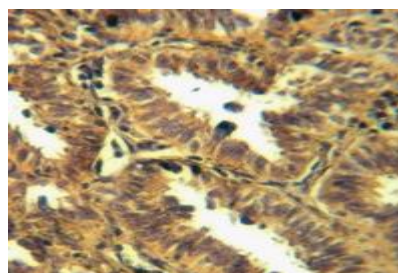
### Specificity:

PD-L1/CD274 polyclonal antibody detects endogenous levels of PD-L1/CD274 protein.

### DATA:



Western blot analysis of PD-L1/CD274 expression in mouse lung (A) whole cell lysates.



Immunohistochemical analysis of PD-L1/CD274 staining in human lung cancer formalin fixed paraffin embedded tissue section.

### Note:

For research use only, not for use in diagnostic procedure.

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