

ANTIGENIX AMERICA inc.

## PRODUCT INFORMATION SUMMARY

### Anti-Human PD-L1 Fc (Polyclonal Rabbit)

Purified Polyclonal Antibody	Product Number	RHF642	0.1 mg
Biotin Conjugate	Product Number	RHF642B	50.0 ug

#### SPECIFICITY:

Rabbit polyclonal antibodies specific for human Programmed Death-Ligand-1, produced from highly purified recombinant human PD-L1-Fc immunogen ( CHO cells). This transmembrane stimulatory ligand is expressed by activated T and B cells and myeloid cells. PD-L1 is known to suppress immune responses, notably anti-tumor responses in cancer.

Antiserum further purified by **Antigen-Affinity** chromatography, to produce highly specific, high titre preparation.

**SOURCE:** Rabbit antiserum.

#### RESEARCH APPLICATIONS:

Identification of human PD-L1-Fc :

**ELISA:** Antibody concentration of 1.0 ug/mL (100 uL/well) was used to detect 0.4 ng/well human PD-L1-Fc.  
For **Biotin conjugate** use at concentration of 0.2 - 0.5 ug/mL to achieve detection of 0.4 ng/well recombinant human PD-L1-Fc. (Optimize)

**NEUTRALIZING ACTIVITY:** not currently tested

**WESTERN BLOT:** Antibody concentration of 0.2 ug/mL was used to detect 2.0 ng/lane recombinant human PD-L1-Fc under both reducing or non-reducing conditions.

#### HANDLING AND STORAGE:

Purified polyclonal antibody provided sterile-filtered and lyophilized in PBS. Reconstitute with 100 uL sterile water. ( For **Biotin conjugate**, reconstitute with 500 uL sterile water **containing 0.1% BSA**). These preparations should be diluted in a protein-containing or other stabilizing( ie. 0.1% BSA) medium to a concentration suitable for use in specific protocols. Contains no preservatives. Small aliquots may be stored at -20° C for long-term storage. Avoid repeat freeze-thaw cycles.

**RESEARCH USE ONLY. NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.**

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