

## PD-L1 antibody [HL1056]

Cat. No. GTX636033

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Application	WB, ICC/IF
Reactivity	Human

## Package

100 µl, 25 µl

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent

Not tested in other applications.

**Calculated MW** 33 kDa. ( [Note](#) )

**Product Note** This antibody was raised against human PD-L1 Intracellular domain, and it does not cross react with human PDL2 protein.

## PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide encompassing a sequence within the Intracellular domain of human PD-L1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

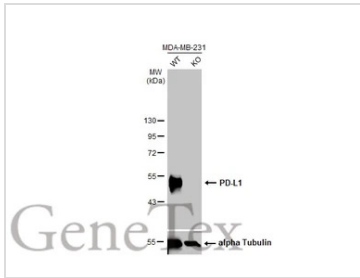
## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

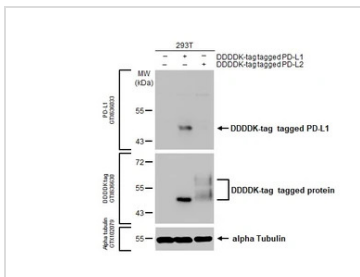
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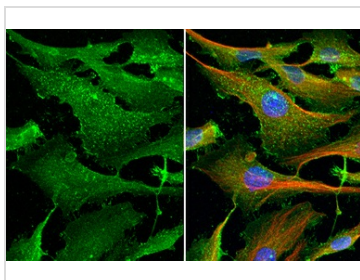
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**DATA IMAGES**

**GTX636033 WB Image**

Wild-type (WT) and PD-L1 knockout (KO) MDA-MB-231 cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with PD-L1 antibody [HL1056] (GTX636033) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX636033 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with PD-L1 antibody [HL1056] (GTX636033) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX636033 ICC/IF Image**

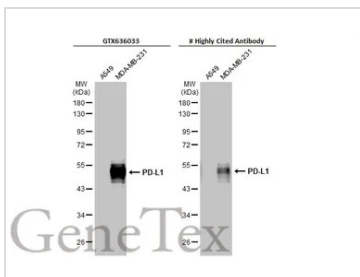
PD-L1 antibody [HL1056] detects PD-L1 protein by immunofluorescent analysis.

Sample: MDA-MB-231 cells were fixed in ice-cold MeOH for 10 min.

Green: PD-L1 stained by PD-L1 antibody [HL1056] (GTX636033) diluted at 1:200.

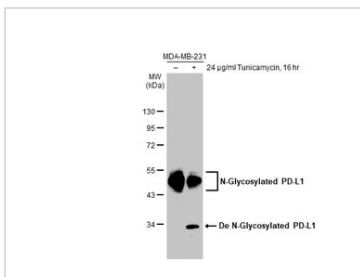
Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).


**GTX636033 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membranes were blotted with PD-L1 antibody [HL1056] (GTX636033) diluted at 1:1000 and competitor's antibody diluted at 1:200. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

\*The competitor is not affiliated with GeneTex and does not endorse this product.


**GTX636033 WB Image**

Untreated (-) and treated (+) MDA-MB-231 whole cell extract (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with PD-L1 antibody [HL1056] (GTX636033) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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