

# PD-L1 antibody [HL1041]

**Cat. No. GTX635975**

|                     |                        |
|---------------------|------------------------|
| <b>Host</b>         | Rabbit                 |
| <b>Clonality</b>    | Monoclonal             |
| <b>Isotype</b>      | IgG                    |
| <b>Applications</b> | WB, ICC/IF, IHC-P, FCM |
| <b>Reactivity</b>   | Human                  |

References ( 4 )

★★★★★ Review ( 1 )

Package

100 µl, 25 µl

## Applications

### Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:3000         |
| ICC/IF             | Assay dependent      |
| IHC-P              | Assay dependent      |
| FCM                | Assay dependent      |

Not tested in other applications.

**Observed MW (kDa)** 33 (deglycosylated form), 45-60 (glycosylated form) kDa.

**Product Note** This antibody was raised against human PD-L1 Intracellular domain, and it does not cross with PD-L2 protein.

## Properties

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS  |
| <b>Preservative</b>  | No preservatives   |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | Synthetic peptide encompassing a sequence within the Intracellular domain of human PD-L1. The exact sequence is proprietary.   |
| <b>Purification</b>  | Affinity purified by Protein A.  |
| <b>Conjugation</b>   | Unconjugated   |



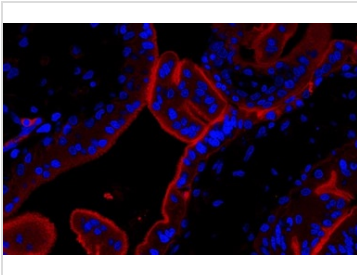
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**Note**

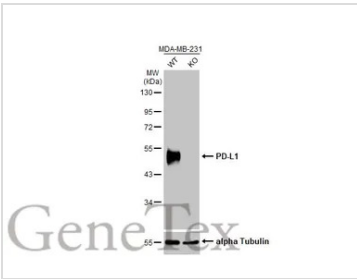
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## DATA IMAGES



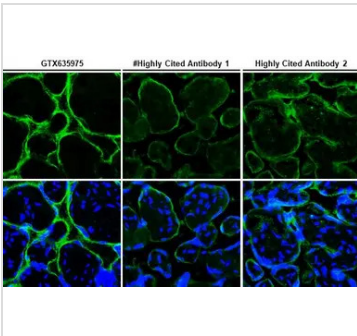
### GTX635975 IHC-P Image

PD-L1 antibody [HL1041] detects PD-L1 protein at cell membrane by immunohistochemical analysis.  
Sample: Human Placenta.  
Green: PD-L1 stained by Dylight594-conjugated PD-L1 antibody [HL1041] (GTX635975) diluted at 1:1000.



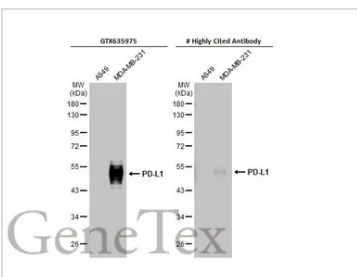
### GTX635975 WB Image

Wild-type (WT) and PDL1 knockout (KO) MDA-MB-231 cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with PD-L1 antibody [HL1041] (GTX635975) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



### GTX635975 IHC-P Image

PD-L1 antibody [HL1041] detects PD-L1 protein at cell membrane by immunohistochemical analysis.  
Sample: Paraffin-embedded human placenta.  
PD-L1 stained by PD-L1 antibody [HL1041] (GTX635975) diluted at 1:1000 and competitor's antibody diluted at 1:1000.  
Blue: Fluoroshield with DAPI (GTX30920).  
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min  
\*Competitor's antibody is not affiliated with GeneTex and does not endorse this product.



### GTX635975 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membranes were blotted with PD-L1 antibody [HL1041] (GTX635975) diluted at 1:2000 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.



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