Leader in Biomolecular Solutions for Life Science

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# Rabbit anti-Human CD274 mAb (CAP)

**Catalog No.: RM17855**

## Basic Information

**Catalog No.**
RM17855

**Catagory**
Elisa Antibody Kit

**Application**
ELISA

## Product Information

**Ig Type**
Rabbit IgG

**Purification**
Affinity purification

**Endotoxin Level**

**Storage**
Store at -20℃
**Avoid repeated freeze-thaw cycles.**

**Formulation**
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, PH 7.4.

## Contact


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## 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.

## Immunogen Information

**Immunogen**
Recombinant human CD274

## Cross-Reactivity

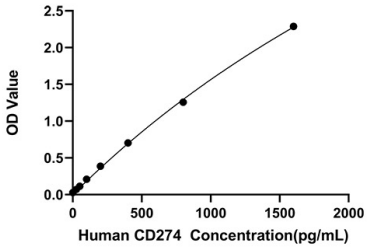
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## Assay Applications

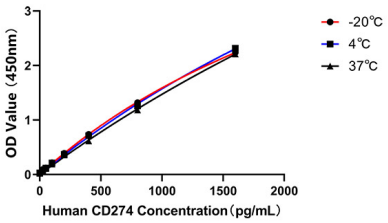
Human CD274 Sandwich Immunoassay

| | Recommended Concentration | Sample |
|---|---|---|
| ELISA Capture | 1-4 μg/mL | Rabbit anti-Human CD274 mAb (Cat. No. RM17855) |
| ELISA Detection | 0.05-0.2 μg/mL | Rabbit anti-Human CD274 mAb (Cat. No. RM17856) |
| Standard | 25-1600 pg/mL | Recombinant Human CD274 Protein (Cat. No. RP00068) |

## Validation Data




This standard curve is only for demonstration purposes. A standard curve should be generated for eachassay.




Placed at 37°C for 3 days, the stability of the standard curve all conformto CV <10%.