

## Anti-CLDN25 Polyclonal Antibody

## Product Details

|                   |                                      |
|-------------------|--------------------------------------|
| Ig Type:          | IgG                                  |
| Reactivity:       | Human (predicted:Dog,Horse)          |
| Molecular Weight: | Theoretical: 25 kDa. Actual: 28 kDa. |
| Purification:     | Protein A purified                   |

## Applications

|                    |   |
|--------------------|---|
| Verified Activity: | <p>1. Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;<br/>Incubation: Anti-CLDN25 Polyclonal Antibody, Unconjugated (TMAB-04439) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining</p> <p>2. Sample: 293T (human) cell Lysate at 40 µg<br/>Primary: Anti-CLDN25 (TMAB-04439) at 1/300 dilution<br/>Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution<br/>Predicted band size: 25 kD<br/>Observed band size: 28 kD</p> |
| Application:       | WB,IHC-P,IHC-Fr,IF  |
| Recommended        | WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500  |

## Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

## Antigen Details

|                  |  |
|------------------|--|
| Immunogen:       | KLH conjugated synthetic peptide: human CLDN25 |
| Antigen Species: | Human  |
| Gene ID:         | 644672   |
| Uniprot ID:      | C9JDP6   |

## Research Background

Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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