

## Claudin 18.2 antibody [HL5230]

**Cat. No. GTX645486**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IHC-P, IHC-P (cell pellet)
<b>Reactivity</b>	Human

**Package**  
100 µl, 25 µl

## Applications

**Application Note**

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
IHC-P	Assay dependent
IHC-P (cell pellet)	Assay dependent

Not tested in other applications.

**Observed MW (kDa)** 19-25 kDa.

**Product Note**

Highly recommended for IHC-P in human tissues.  
This antibody is specific for human Claudin 18.2 protein, and it does not cross react with human Claudin 18 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>	Recombinant fragment of human Claudin 18.2.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

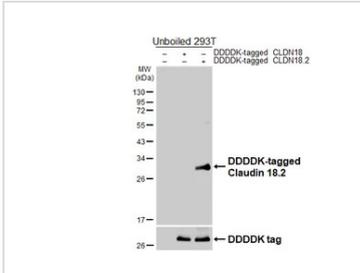


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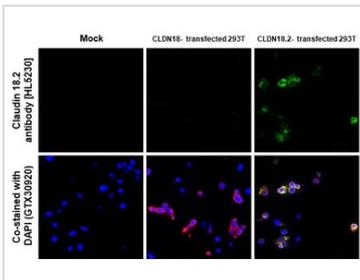
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DATA IMAGES



**GTX645486 WB Image**

Non-transfected (-) and transfected (+) unboiled 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Claudin 18.2 antibody [HL5230] (GTX645486) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX645486 IHC-P (cell pellet) Image**

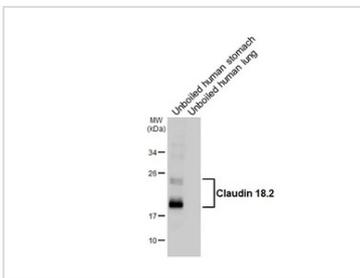
Claudin 18.2 antibody [HL5230] detects Claudin 18.2 protein by immunohistochemical analysis. Sample: Mock, CLDN18 and CLDN18.2 transfected 293T cell FFPE Cell Pellet Blocks.

Green: Claudin 18.2 stained by Claudin 18.2 antibody [HL5230] (GTX645486) diluted at 1:1000.

Red: DDDD tag antibody [GT1216] (GTX636630) diluted at 1:1000.

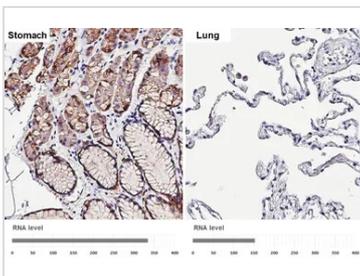
Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**GTX645486 WB Image**

Unboiled various tissue extracts (5 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Claudin 18.2 antibody [HL5230] (GTX645486) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX645486 IHC-P Image**

Claudin 18.2 antibody [HL5230] detects Claudin 18.2 protein by immunohistochemical analysis.

Sample: Paraffin-embedded human tissues.

Claudin 18.2 stained by Claudin 18.2 antibody [HL5230] (GTX645486) diluted at 1:30000.

Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min

Corresponding RNA levels (RPKM) in the tissues are based on NCBI database.



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