



# Human Anti-Human CLDN18.2 Monoclonal Antibody, clone E21D (CABT-Z508H)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant human monoclonal antibody generated by transient transfection of human HEK293 cells with expression plasmids encoding antibody heavy and light chain sequences.
<b>Immunogen</b>	Human CLDN18.2
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Human
<b>Species Reactivity</b>	Human
<b>Clone</b>	E21D
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg, 200 µg
<b>Buffer</b>	Sterile 1X PBS, pH 6.8.
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or below. Avoid freeze / thaw cycle.

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Ship

Wet ice

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## BACKGROUND

**Introduction**

Tight junction molecule claudin-18 isoform 2 (CLDN18.2) is a member of the claudin family of proteins, which includes tight junction proteins that establish paracellular barriers to control the flow of molecules between cells. CLDN18.2 is highly expressed in the healthy stomach and is strictly confined to differentiated epithelial cells of the gastric mucosa. Recent studies have identified CLDN18.2 as a promising target in gastric cancer therapy. CLDN18.2 is overexpressed in a significant proportion of gastric cancers and esophageal adenocarcinomas. The restricted expression makes it an attractive target for the treatment of gastric and esophageal adenocarcinoma.

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**Keywords**

huCLDN18.2;CLDN18.2;CLDN;Claudin 18.2

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