



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

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

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.

Keywords

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