



# Anti-CLDN8 monoclonal antibody (DCABH-11044)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Claudins, such as CLDN8, are components of epithelial cell tight junctions. Tight junctions regulate movement of solutes and ions through the paracellular space and prevent mixing of proteins and lipids in the outer leaflet of the apical and basolateral plasma membrane domains (Acharya et al., 2004).
<b>Immunogen</b>	A synthetic peptide of human CLDN8 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CLDN8 claudin 8 [ Homo sapiens ]</a>
<b>Official Symbol</b>	CLDN8

<b>Synonyms</b>	CLDN8; claudin 8; claudin-8;
<b>Entrez Gene ID</b>	<a href="#">9073</a>
<b>Protein Refseq</b>	<a href="#">NP_955360</a>
<b>UniProt ID</b>	<a href="#">P56748</a>
<b>Chromosome Location</b>	21q22.1
<b>Pathway</b>	Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem; Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem;
<b>Function</b>	identical protein binding; structural molecule activity;