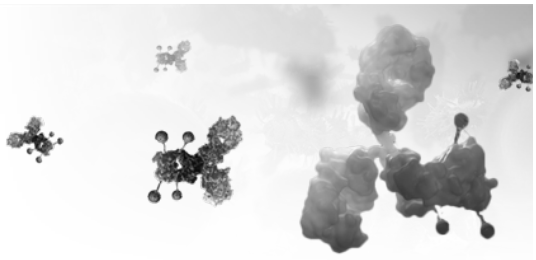

Mouse anti-Human CLCA2 monoclonal antibody, clone 2C0 (CABT-B9979)

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

PRODUCT INFORMATION

Immunogen	CLCA2 (NP_006527, 300 a.a. ~ 401 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2C0
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	PTFSLVQAGDKVVCLVLDVSSKMAEADRLLQLQQAAEFYLMQIVEIHTFVGIASFDSKGE IRAQLHQINSNDDRKLLVSYLPTTVSAKTDISICSGLKKGF*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The protein encoded by this gene belongs to the calcium sensitive chloride conductance protein family. To date, all members of this gene family map to the same site on chromosome 1p31-

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	p22 and share high degrees of homology in size, sequence and predicted structure, but differ significantly in their tissue distributions. Since this protein is expressed predominantly in trachea and lung, it is suggested to play a role in the complex pathogenesis of cystic fibrosis. It may also serve as adhesion molecule for lung metastatic cancer cells, mediating vascular arrest and colonization, and furthermore, it has been implicated to act as a tumor suppressor gene for breast cancer. [provided by RefSeq, Jul 2008]
Keywords	CLCA2; chloride channel accessory 2; CACC; CACC3; CLCRG2; CaCC-3; calcium-activated chloride channel regulator 2; hCLCA2; hCaCC-3; chloride channel regulator 2; calcium-activated chloride channel-2; calcium-activated chloride channel protein 3; CLCA family member 2, chloride channel regulator; calcium-activated chloride channel family member 2; chloride channel, calcium activated, family member 2;

GENE INFORMATION

Entrez Gene ID	9635
UniProt ID	Q9UQC9
Pathway	Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Olfactory transduction, organism-specific biosystem; Olfactory transduction, conserved biosystem; Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem
Function	chloride channel activity; ligand-gated ion channel activity

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