

Product datasheet for TA809864

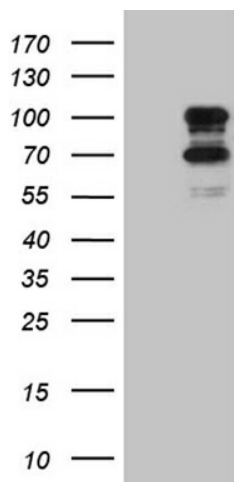
CLCA1 Mouse Monoclonal Antibody [Clone ID: OT18E7]

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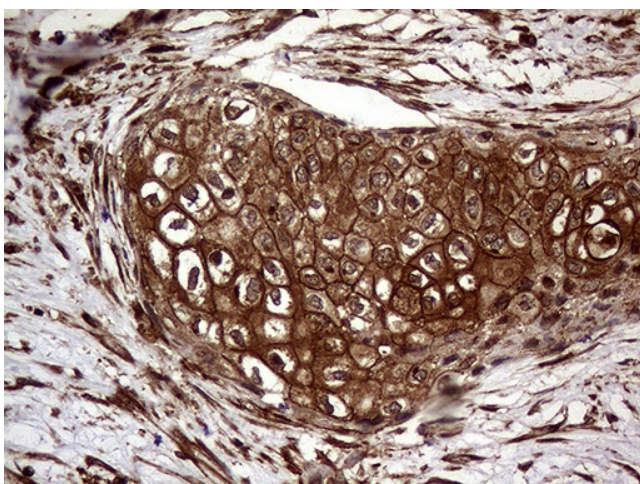
Product Type:	Primary Antibodies
Clone Name:	OT18E7
Applications:	IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 344-412 of human CLCA1(NP_001276) produced in E.coli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Gene Name:	chloride channel accessory 1
Database Link:	NP_001276 Entrez Gene 1179 Human
Background:	This gene encodes a member of the calcium sensitive chloride conductance protein family. To date, all members of this gene family map to the same region on chromosome 1p31-p22 and share a high degree of homology in size, sequence, and predicted structure, but differ significantly in their tissue distributions. The encoded protein is expressed as a precursor protein that is processed into two cell-surface-associated subunits, although the site at which the precursor is cleaved has not been precisely determined. The encoded protein may be involved in mediating calcium-activated chloride conductance in the intestine. [provided by RefSeq, Jul 2008]
Synonyms:	CACC; CaCC-1; CACC1; CLCRG1; GOB5; hCaCC-1; hCLCA1
Protein Families:	Druggable Genome, Ion Channels: Other
Protein Pathways:	Olfactory transduction



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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CLCA1 ([RC218583], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CLCA1 (1:2000).



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-CLCA1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809864) (1:500)