CLCA2 mouse mAb

Catalog No	BYmab-18195
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	CLCA2 CACC3
Protein Name	Calcium-activated chloride channel regulator 2 (Calcium-activated chloride channel family member 2) (hCLCA2) (Calcium-activated chloride channel protein 3) (CaCC-3) (hCaCC-3) [Cleaved into: Calcium-ac
Immunogen	Synthesized peptide derived from human CLCA2
Specificity	This antibody detects endogenous levels of CLCA2 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	104kD
Cell Pathway	Cell membrane; Single-pass type I membrane protein. Basal cell membrane; Single-pass type I membrane protein. Cell junction.; [Calcium-activated chloride channel regulator 2, 109 kDa form]: Secreted. Remains associated to the 35 kDa form until an unidentified event triggers the release.
Tissue Specificity	Expressed in cornea, skin, vagina, esophagus, and larynx (at protein level). Expressed in trachea and mammary gland. Weakly expressed in testis and kidney. Highly expressed in corneal epithelium, colon and trachea. Moderately expressed in brain, urogenital organs, bladder, uterus and prostate. Highly expressed in tissues containing stratified epithelium including cornea, esophagus, larynx, skin and vagina than those tissues which contain only epithelial monolayers. Expressed in normal breast epithelium but not in breast cancer. Highly expressed during epithelial stratification. Expressed in endotheli
Function	Plays a role in modulating chloride current across the plasma membrane in a calcium-dependent manner, and cell adhesion. Involved in basal cell adhesion

	and/or stratification of squamous epithelia. May act as a tumor suppressor in breast and colorectal cancer. Plays a key role for cell adhesion in the beginning stages of lung metastasis via the binding to ITGB4.
Background	
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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