

CLCNKB rabbit monoclonal antibody

Catalog # H00001188-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CLCNKB peptide using ARM Technology.
Immunogen	A synthetic peptide of human CLCNKB is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CLCNKB peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CLCNKB

Entrez GeneID	1188
GeneBank Accession#	CLCNKB
Gene Name	CLCNKB
Gene Alias	CLCKB, CIC-K2, MGC24087, hCIC-Kb
Gene Description	chloride channel Kb
Omim ID	602023 602522 607364
Gene Ontology	Hyperlink
Gene Summary	Chloride channel Kb (CLCNKB) is a member of the CLC family of voltage-gated chloride channels, which comprises at least 9 mammalian chloride channels. Each is believed to have 12 transmembrane domains and intracellular N and C termini. Mutations in CLCNKB result in the autosomal recessive Type III Bartter Syndrome. CLCNKA and CLCNKB are closely related (94% sequence identity), tightly linked (separated by 11 kb of genomic sequence) and are both expressed in mammalian kidney. [provided by RefSeq]
Other Designations	Chloride channel, kidney, B OTTHUMP00000011120

Disease

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