

CLCNKA rabbit monoclonal antibody

Catalog # H00001187-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CLCNKA peptide using ARM Technology.
Immunogen	A synthetic peptide of human CLCNKA 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 CLCNKA 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 — CLCNKA

Entrez GeneID	1187
GeneBank Accession#	CLCNKA
Gene Name	CLCNKA
Gene Alias	CLCK1, CIC-K1, MGC61490, hCIC-Ka
Gene Description	chloride channel Ka
Omim ID	602024 602522
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the CLC family of voltage-gated chloride channels. The encoded protein is predicted to have 12 transmembrane domains, and requires a beta subunit called barttin to form a functional channel. It is thought to function in salt reabsorption in the kidney and potassium recycling in the inner ear. The gene is highly similar to CLCNKB, which is located 10 kb downstream from this gene. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000011118 OTTHUMP00000011119 chloride channel, kidney, A

Disease

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