

CLCN5 rabbit monoclonal antibody

Catalog # H00001184-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CLCN5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CLCN5 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 CLCN5 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 — CLCN5

Entrez GeneID	1184
GeneBank Accession#	CLCN5
Gene Name	CLCN5
Gene Alias	CLC5, CLCK2, DENTS, NPHL1, NPHL2, XLRH, XRN, hCIC-K2, hCIC-K2
Gene Description	chloride channel 5
Omim ID	300008 300009 300554 310468
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the CIC family of chloride ion channels and ion transporters. Mutations in this gene have been found in Dent disease and renal tubular disorders complicated by nephrolithiasis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000023279 OTTHUMP00000023280 OTTHUMP00000023281 OTTHUMP00000023282

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Calculi](#)
- [Kidney Failure](#)
- [Nephrocalcinosis](#)