CLCN7 rabbit monoclonal antibody

Catalog # H00001186-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CLCN7 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CLCN7 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 CLCN7 peptide by ELISA and mammalian transfected lysate by W estern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — CLCN7

Entrez GeneID	1186
GeneBank Accession#	CLCN7
Gene Name	CLCN7
Gene Alias	CLC-7, CLC7, FLJ26686, FLJ39644, FLJ46423, OPTA2, OPTB4
Gene Description	chloride channel 7
Omim ID	166600 259700 602727
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the CLC chloride channel family of proteins. Chloride channels play important roles in the plasma membrane and in intracellular organelles. This gene encodes chloride channel 7. Defects in this gene are the cause of osteopetrosis autosomal recessive type 4 (OPTB4), also called infantile malignant osteopetrosis type 2 as well as the cause of autosomal dominant osteopetrosis type 2 (OPTA2), also called autosomal dominant Albers-Schonberg disease or marble disease autosoml dominant. Osteopetrosis is a rare genetic disease characterized by abnormally dense bone, due to defective resorption of immature bone. OPTA2 is the most common form of osteopetrosis, occurring in adolescence or adulthood. [provided by RefSeq
Other Designations	-

Disease

- Genetic Predisposition to Disease
- Osteopetrosis
- Osteoporosis