



# Anti-CLCNKA monoclonal antibody (DCABH-11034)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	A synthetic peptide of human CLCNKA is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">CLCNKA chloride channel, voltage-sensitive Ka [ Homo sapiens ]</a>
Official Symbol	CLCNKA
Synonyms	CLCNKA; chloride channel, voltage-sensitive Ka; chloride channel Ka; chloride channel protein CIC-Ka; hCIC Ka; chloride channel, kidney, A; CLCK1; CIC-K1; hCIC-Ka; MGC61490;
Entrez Gene ID	<a href="#">1187</a>
Protein Refseq	<a href="#">NP_001036169</a>
UniProt ID	<a href="#">P51800</a>
Chromosome Location	1p36
Function	ion channel activity; voltage-gated chloride channel activity; voltage-gated ion channel activity;