



# Anti-CLCNKB monoclonal antibody (DCABH-11035)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	A synthetic peptide of human CLCNKB 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

<b>Gene Name</b>	<a href="#">CLCNKB chloride channel, voltage-sensitive Kb [ Homo sapiens ]</a>
<b>Official Symbol</b>	CLCNKB
<b>Synonyms</b>	CLCNKB; chloride channel, voltage-sensitive Kb; chloride channel Kb; chloride channel protein CIC-Kb; hCIC Kb; chloride channel, kidney, B; CLCKB; CIC-K2; CIC-Kb; MGC24087;
<b>Entrez Gene ID</b>	<a href="#">1188</a>
<b>Protein Refseq</b>	<a href="#">NP_000076</a>
<b>UniProt ID</b>	<a href="#">A8K8H0</a>
<b>Chromosome Location</b>	1p36
<b>Pathway</b>	Collecting duct acid secretion, organism-specific biosystem; Collecting duct acid secretion, conserved biosystem;
<b>Function</b>	ion channel activity; voltage-gated chloride channel activity; voltage-gated ion channel activity;