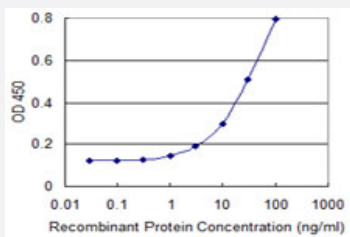


CLCN6 monoclonal antibody (M05), clone 2H2

Catalog # H00001185-M05

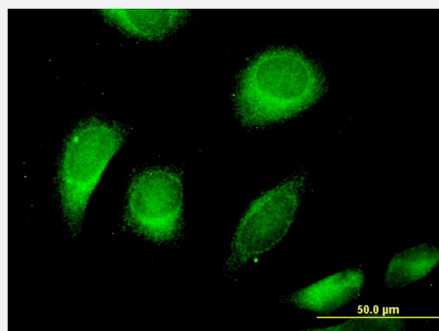
Size 100 ug

Applications



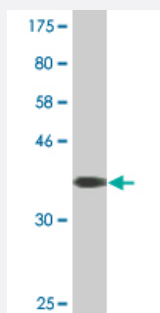
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CLCN6 is 1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to CLCN6 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CLCN6.

Immunogen	CLCN6 (NP_001277.1, 770 a.a. ~ 868 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PRLSYAEMAEDYPRYPDIHDLDTLLNPRMVDVTPYMNPSPTVSPNTHVSQVFNLFRMTGLRHL PVVNAVGENVGITRHNLTYEFLQARLRQHYQT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CLCN6 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to CLCN6 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — CLCN6

Entrez GeneID [1185](#)

GeneBank Accession# [NM_001286](#)

Protein Accession#	NP_001277.1
Gene Name	CLCN6
Gene Alias	CLC-6, KIAA0046
Gene Description	chloride channel 6
Omim ID	602726
Gene Ontology	Hyperlink
Gene Summary	The CLCN family of voltage-dependent chloride channel genes comprises nine members (CLCN 1-7, Ka and Kb) which demonstrate quite diverse functional characteristics while sharing significant sequence homology. Chloride channel 6 and 7 belong to a subbranch of this family. Chloride channel 6 has four different alternatively spliced transcript variants. This gene is in close vicinity to two other kidney-specific chloride channel genes, CLCNKA and CLCNKB. [provided by RefSeq]
Other Designations	OTTHUMP00000002410 OTTHUMP00000042609 OTTHUMP00000042610 OTTHUMP00000042611 OTTHUMP00000042616 OTTHUMP00000042617

Disease

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