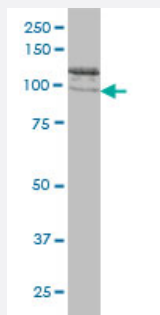


CLCN2 monoclonal antibody (M01), clone 3E1

Catalog # H00001181-M01

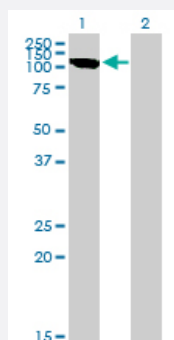
Size 100 ug

Applications



Western Blot (Cell lysate)

CLCN2 monoclonal antibody (M01), clone 3E1 Western Blot analysis of CLCN2 expression in HeLa S3 NE (Cat # L013V3).

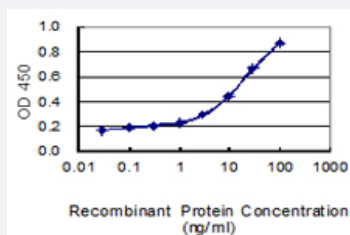


Western Blot (Transfected lysate)

Western Blot analysis of CLCN2 expression in transfected 293T cell line by CLCN2 monoclonal antibody (M01), clone 3E1.

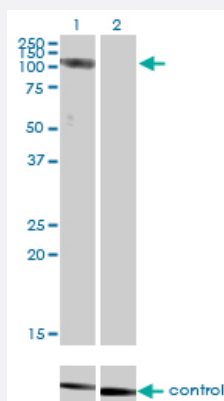
Lane 1: CLCN2 transfected lysate(96.8 KDa).

Lane 2: Non-transfected lysate.



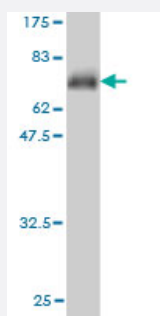
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CLCN2 is 0.3 ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of CLCN2 over-expressed 293 cell line, cotransfected with CLCN2 Validated Chimera RNAi (Cat # H00001181-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with CLCN2 monoclonal antibody (M01), clone 3E1 (Cat # H00001181-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (64.24 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant CLCN2.
Immunogen	CLCN2 (AAH21578.1, 38 a.a. ~ 387 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TVSTAVIVFELTGQIAHILPVMVILANAVAQSLQPSLYDSIIRIKKLPYLPGLGWGRHQQYRVRVEDI MVRDVPHVALSCTFRDLRLALHRTKGRMLALVESPEMILLGSIERSQVVALGAQLSPARRRQH MQERRATQTSPLSDQEGPPTPEASVCFQVNTEDSAFPAARGETHKLPLKPKALRGPSVTRNLGE SPTGSAESAGIALRSLFCGSPPEAAASEKLESCEKRKLKRVRLASDADLEGEMSPPEETHHTIFSL LGVDHAYVTSIGRLIGIVTLKELRKAIEGSVTAQGVKVRPPLASFRDSATSSSDTETTEVHALWGPH SRHGLPREGSPSDSDDKCQ
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (64.24 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 (Cell lysate)

CLCN2 monoclonal antibody (M01), clone 3E1 Western Blot analysis of CLCN2 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CLCN2 expression in transfected 293T cell line by CLCN2 monoclonal antibody (M01), clone 3E1.

Lane 1: CLCN2 transfected lysate(96.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CLCN2 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of CLCN2 over-expressed 293 cell line, cotransfected with CLCN2 Validated Chimera RNAi (Cat # H00001181-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with CLCN2 monoclonal antibody (M01), clone 3E1 (Cat # H00001181-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — CLCN2

Entrez GeneID [1181](#)

GeneBank Accession# [BC021578](#)

Protein Accession# [AAH21578.1](#)

Gene Name CLCN2

Gene Alias	CIC-2, CLC2, ECA3, EGI3, EGMA
Gene Description	chloride channel 2
Omim ID	600570 606904 607628 607631 607682
Gene Ontology	Hyperlink
Gene Summary	idiopathic generalized
Other Designations	Epilepsy, idiopathic generalized, susceptibility to

Disease

- [Cystic fibrosis](#)
- [Epilepsy](#)
- [Lung Diseases](#)