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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09983 - Goat Anti-CLCN2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** chloride channel 2, CIC-2, CLC2, ECA2, ECA3, EGI11, EGI3, EGMA, EJM6, EJM8, Epilepsy, idiopathic generalized, susceptibility to, CLCN2

**Official Symbol:** CLCN2

**Accession Number(s):** NP\_004357.3

**Human GeneID(s):** [1181](#)

**Non-Human GeneID(s):** 12724 (mouse), 29232 (rat)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_004357.3; NP\_001164558.1; NP\_001164559.1; NP\_001164560.1).

### Immunogen

Peptide with sequence QQLDEPVNFSDCK, from the internal region of the protein sequence according to NP\_004357.3.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

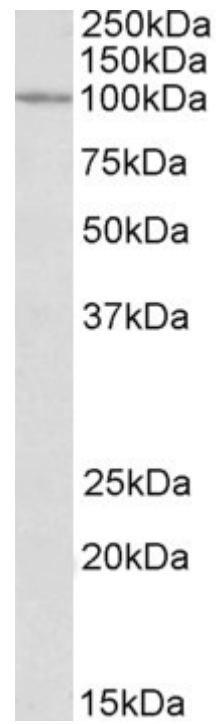
**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Approx 100kDa band observed in lysates of cell line HeLa (calculated MW of 98.5kDa according to NP\_004357.3). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



EB09983 (0.3 $\mu$ g/ml) staining of HeLa lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.