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Datasheet for ABIN2855985

## anti-CLIC4 antibody

### 2 Images

#### Overview

Quantity:	100 µL
Target:	CLIC4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLIC4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

#### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CLIC4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Zebrafish (Danio rerio)
Characteristics:	Rabbit Polyclonal antibody to CLIC4 (chloride intracellular channel 4) CLIC4 antibody
Purification:	Purified by antigen-affinity chromatography.

#### Target Details

Target:	CLIC4
Alternative Name:	chloride intracellular channel 4 ( <a href="#">CLIC4 Products</a> )

## Target Details

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**Background:** Chloride channels are a diverse group of proteins that regulate fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of intracellular pH, and regulation of cell volume. Chloride intracellular channel 4 (CLIC4) protein, encoded by the CLIC4 gene, is a member of the p64 family, the gene is expressed in many tissues and exhibits a intracellular vesicular pattern in Panc-1 cells (pancreatic cancer cells).

**Cellular Localization:** Cytoplasm, Cytoplasmic vesicle membrane, Single-pass membrane protein, Nucleus, Cell membrane, Single-pass membrane protein, Cytoplasm, Cytoplasmic vesicle membrane, Nucleus, Cell membrane

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**Molecular Weight:** 29 kDa

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**Gene ID:** 25932

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**UniProt:** [Q9Y696](#)

## Application Details

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**Application Notes:** WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 0.83 mg/mL

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**Buffer:** 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

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**Preservative:** Thimerosal (Merthiolate)

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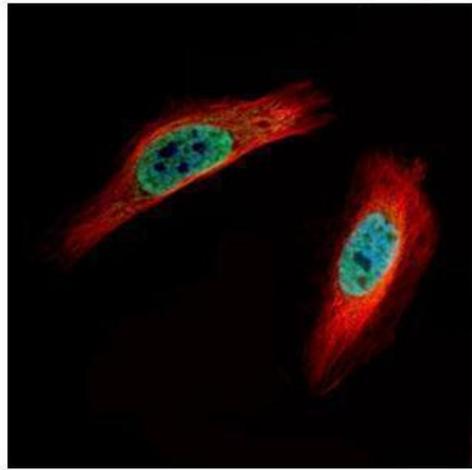
**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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**Storage:** 4 °C, -20 °C

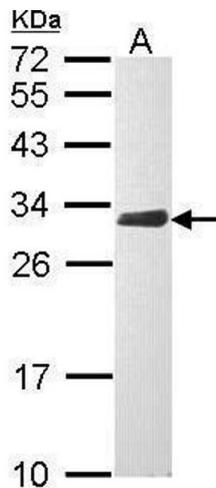
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**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



### Immunofluorescence

**Image 1.** ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using CLIC4, antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2500.



### Western Blotting

**Image 2.** WB Image Sample (30 ug of whole cell lysate) A: Raji 12% SDS PAGE antibody diluted at 1:1000