

**Anti-CLIC1 / NCC27 Antibody (clone 2D4)**  
**Mouse Anti Human Monoclonal Antibody**  
**Catalog # ALS17640****Specification**

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**Anti-CLIC1 / NCC27 Antibody (clone 2D4) - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">O00299</a>
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Calculated MW	26923

**Anti-CLIC1 / NCC27 Antibody (clone 2D4) - Additional Information****Gene ID 1192**Alias Symbol **CLIC1****Other Names**

CLIC1, Chloride channel ABP, G6, Nuclear chloride channel-27, p64CLCP, RNCC protein, HRNCC, NCC27

**Reconstitution & Storage**

Protein A purified

**Precautions**

Anti-CLIC1 / NCC27 Antibody (clone 2D4) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-CLIC1 / NCC27 Antibody (clone 2D4) - Protein Information****Name** CLIC1**Synonyms** G6, NCC27**Function**

Can insert into membranes and form chloride ion channels. Channel activity depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxydizing conditions. Involved in regulation of the cell cycle.

**Cellular Location**

Nucleus. Nucleus membrane; Single-pass membrane protein. Cytoplasm. Cell membrane; Single-pass membrane protein. Endoplasmic reticulum {ECO:0000250|UniProtKB:Q6MG61}. Note=Mostly in the nucleus including in the nuclear membrane (PubMed:9139710, PubMed:12681486). Small amount in the cytoplasm and the plasma membrane (PubMed:9139710). Exists both as soluble cytoplasmic protein and as membrane protein with probably a single transmembrane domain (PubMed:11940526, PubMed:11551966,

PubMed:14613939, PubMed:12681486, PubMed:9139710). Might not be present in the nucleus of cardiac cells (By similarity) {ECO:0000250|UniProtKB:Q6MG61, ECO:0000269|PubMed:11551966, ECO:0000269|PubMed:11940526, ECO:0000269|PubMed:12681486, ECO:0000269|PubMed:14613939, ECO:0000269|PubMed:9139710}

**Tissue Location**

Expression is prominent in heart, placenta, liver, kidney and pancreas.

**Anti-CLIC1 / NCC27 Antibody (clone 2D4) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-CLIC1 / NCC27 Antibody (clone 2D4) - Images**