

Product datasheet for **AM11027SU-N**

CLIC4 Mouse Monoclonal Antibody [Clone ID: 17CT9.2.8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	17CT9.2.8
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000 Western blotting: 1/2000. Immunohistochemistry: 1/50-1/100.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified His-tagged CLIC4 protein.
Specificity:	This antibody is specific to CLIC4.
Formulation:	State: Ascites State: crude ascites containing 0.09% (W/V) Sodium Azide as preservative.
Concentration:	Ascites
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	28772 Da.
Gene Name:	chloride intracellular channel 4
Database Link:	Entrez Gene 25932 Human Q9Y696



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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).

Synonyms:

p64H1, mc3s5, mtCLIC

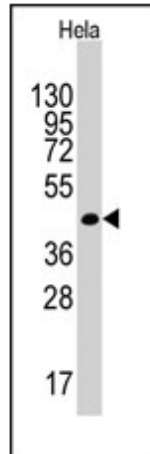
Product images:

Figure 1. Western blot analysis of anti-CLIC4 Monoclonal Antibody (Cat. #AM11027SU-N) in HeLa cell line lysates. CLIC4 (arrow) was detected using the ascites Mab.

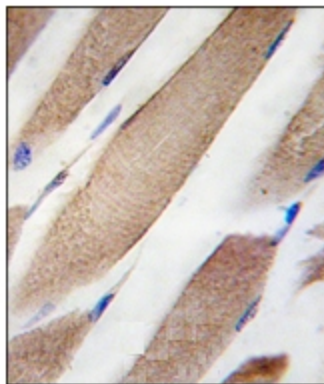


Figure 2. Formalin-fixed and paraffin-embedded human skeletal muscle tissue reacted with CLIC4 Antibody (Cat. #AM11027SU-N), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry. Clinical relevance has not been evaluated.