9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Chloride intracellular channel 4 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1203

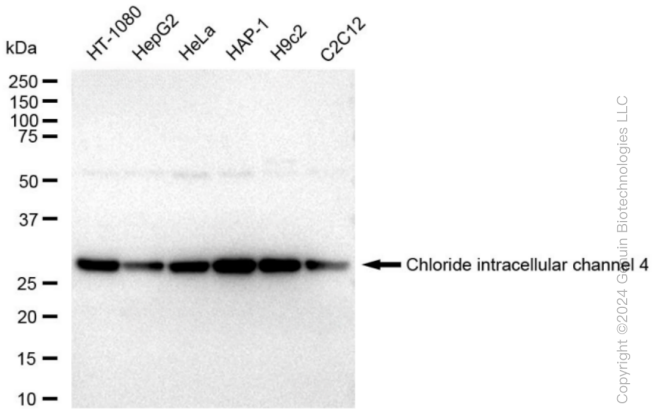
Product Overview

Name	KD-Validated Anti-Chloride intracellular channel 4 Rabbit Monoclonal Antibody
Accession(Primary)	Q9Y696
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CLIC4
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 29 kDa , observed, 29 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q9Y696)

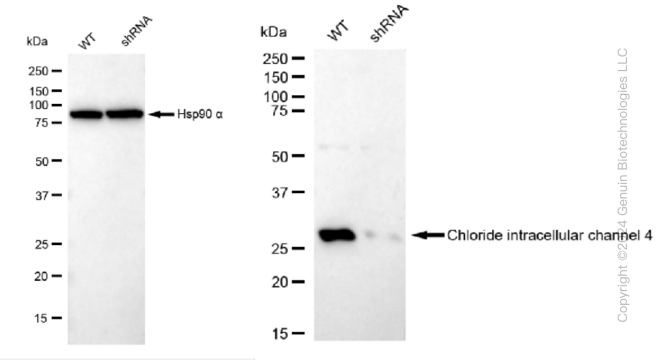
Gene Name	CLIC4
About Gene Symbol	CLIC4 (Chloride Intracellular Channel 4) is a membrane transporter involved in membrane transport. It is an important research target in pharmacology, drug resistance, and membrane biology and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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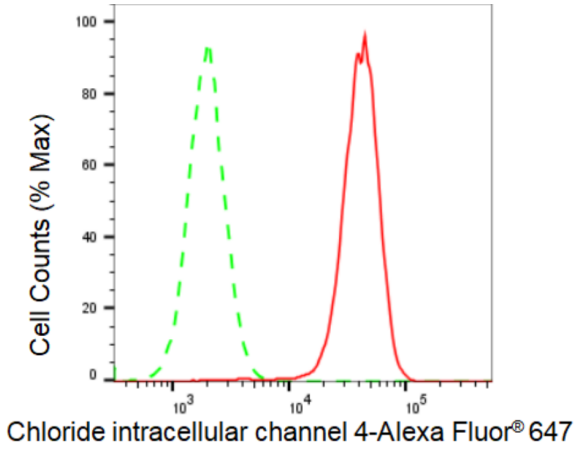
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Western blotting analysis using anti-Chloride intracellular channel 4 antibody (Cat#ABG1203). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Chloride intracellular channel 4 antibody (Cat#ABG1203, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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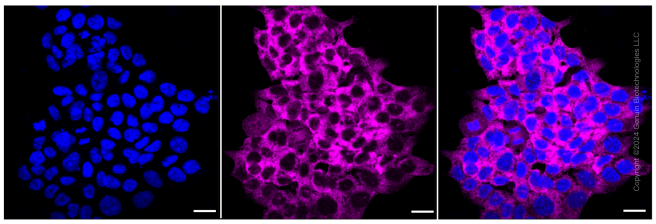
Western blotting analysis using anti-Chloride intracellular channel 4 antibody (Cat#ABG1203). Chloride intracellular channel 4 expression in wild type (WT) and Chloride intracellular channel 4 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Chloride intracellular channel 4 antibody (Cat#ABG1203, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Chloride intracellular channel 4 expression in HAP-1 cells using Chloride intracellular channel 4 antibody (Cat#ABG1203, 1:2,000). Green, isotype control; red, Chloride intracellular channel 4.

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Immunocytochemical staining of HAP-1 cells with Chloride intracellular channel 4 antibody (Cat#ABG1203, 1:1,000). Nuclei were stained blue with DAPI; Chloride intracellular channel 4 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.