

Datasheet for ABIN5540213
anti-CLIC5 antibody (Isoform 1)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	CLIC5
Binding Specificity:	AA 160-173, Isoform 1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CLIC5 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH-conjugated peptide corresponding to the amino acids 160-173 of human CLIC5a
Clone:	CLIC5-02
Isotype:	IgG2b
Specificity:	This antibody recognizes CLIC5a, a 32 kDa protein which is component of actin complexes. Cross reactivity with CLIC5b was not determined.
Purification:	Protein-A affinity chromatography (> 95% by SDS-PAGE)

Target Details

Target:	CLIC5
Alternative Name:	clic5 (CLIC5 Products)

Target Details

Background:	CLIC5a belongs to the family of chloride intracellular channel (CLIC) proteins, all sharing a highly conserved C terminus and variable N terminus. Human CLIC5 is transcribed in two isoforms, 32 kDa CLIC5a (251 amino acids) and 49 kDa CLIC5b (410 amino acids). These proteins exist in a soluble form and their function as ion channels in vitro has not been fully confirmed in vivo. CLIC5a is a component of complexes of actin, ezrin, and several other actin-associated proteins and is important for functionality of actin-based structures.
UniProt:	Q9NZA1
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	Flow cytometry. Western blot.
Protocol:	1. Wegner B, Al-Momany A, Kulak SC, Kozlowski K, Obeidat M, Jahroudi N, Paes J, Berryman M, Ballermann BJ: CLIC5A, a component of the ezrin-podocalyxin complex in glomeruli, is a determinant of podocyte integrity. Am J Physiol Renal Physiol. 2010 Jun298(6):F1492-503.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	95 % by SDS-PAGE) Buffer System: Phosphate buffered saline (PBS) Preservatives: 15 mM sodium azide, approx. pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.
Expiry Date:	12 months