

Datasheet for ABIN1881350  
**anti-Foxk1 antibody (C-Term)**[Go to Product page](#)[2 Images](#)[3 Publications](#)

## Overview

Quantity:	400 µL
Target:	Foxk1
Binding Specificity:	AA 684-710, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Foxk1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This FOXK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 684-710 amino acids from the C-terminal region of human FOXK1.
Clone:	RB23923
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Foxk1
Alternative Name:	FOXK1 ( <a href="#">Foxk1 Products</a> )

## Target Details

Background:	FOXK1 is a transcriptional activator that binds to the upstream enhancer region (CCAC box) of myoglobin gene. It plays a role in myogenic differentiation and in remodeling processes of adult muscles that occur in response to physiological stimuli.
Molecular Weight:	75457
NCBI Accession:	<a href="#">NP_001032242</a>
UniProt:	<a href="#">P85037</a>

## Application Details

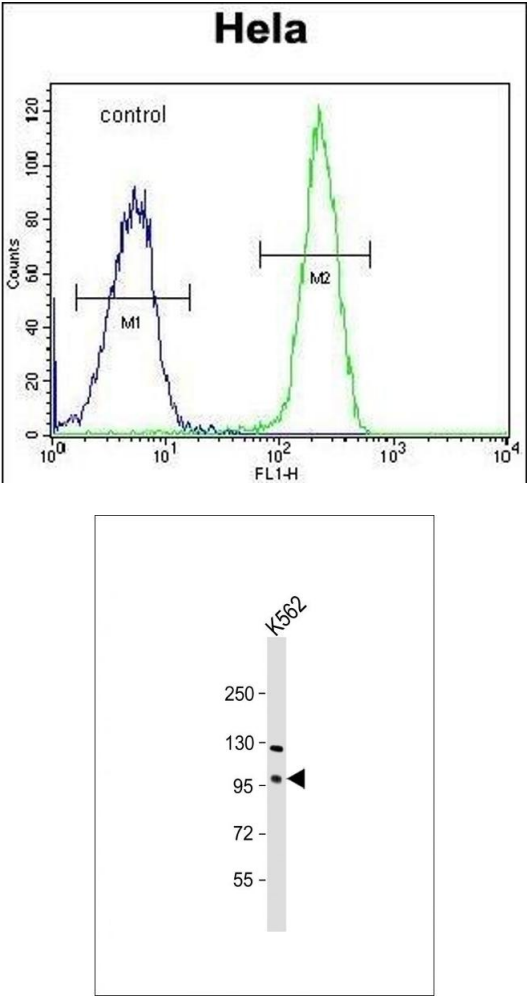
Application Notes:	WB: 1:500. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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,-20 °C
Expiry Date:	6 months

## Publications

Product cited in:	<p>Xiang, Jiang, Liu, Zhang, Zhu: "hMan2c1 transgene promotes tumor progress in mice." in: <b>Transgenic research</b>, Vol. 19, Issue 1, pp. 67-75, (2010) (<a href="#">PubMed</a>).</p> <p>Tian, Ju, Zhou, Liu, Zhu: "Inhibition of alpha-mannosidase Man2c1 gene expression suppresses growth of esophageal carcinoma cells through mitotic arrest and apoptosis." in: <b>Cancer science</b>, Vol. 99, Issue 12, pp. 2428-34, (2008) (<a href="#">PubMed</a>).</p> <p>Qu, Ju, Chen, Shi, Xiang, Zhou, Tian, Liu, Zhu: "Inhibition of the alpha-mannosidase Man2c1 gene expression enhances adhesion of Jurkat cells." in: <b>Cell research</b>, Vol. 16, Issue 7, pp. 622-31, (2006) (<a href="#">PubMed</a>).</p>
-------------------	--



Flow Cytometry

**Image 1.** FOXC1 Antibody (C-term) (ABIN1881350 and ABIN2843100) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

**Image 2.** Anti-FOXC1Antibody (C-term) at 1:500 dilution + K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 75 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.