

Datasheet for ABIN6243159  
**anti-DLK1 antibody (C-Term)**

3 Images

1 Publication

[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	DLK1
Binding Specificity:	AA 368-402, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLK1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This DLK1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 368-402 amino acids from the C-terminal region of human DLK1.
Clone:	RB51648
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	DLK1
Alternative Name:	DLK1 ( <a href="#">DLK1 Products</a> )

## Target Details

Background: May have a role in neuroendocrine differentiation.

Molecular Weight: 41300

UniProt: [P80370](#)

## Application Details

Application Notes: WB: 1:1000. IHC-P: 1:25. FC: 1:25

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

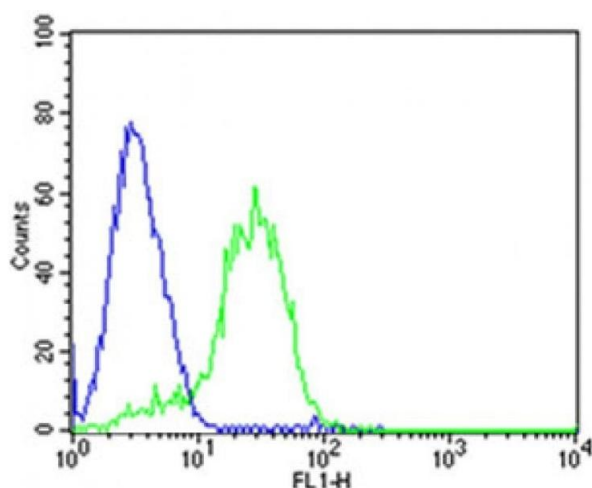
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 6 months

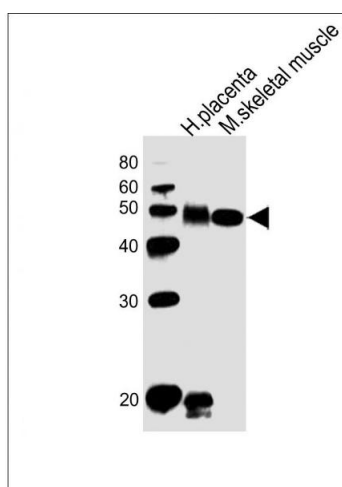
## Publications

Product cited in: Hu, Guan, Liu, Dai, Tang, Xiao, Qian, Sharrow, Ye, Wu, Xu: "Endoglin Is Essential for the Maintenance of Self-Renewal and Chemoresistance in Renal Cancer Stem Cells." in: **Stem cell reports**, Vol. 9, Issue 2, pp. 464-477, (2018) ([PubMed](#)).



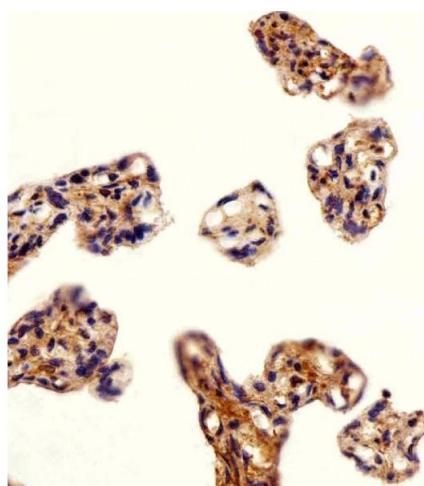
### Flow Cytometry

**Image 1.** Flow cytometric analysis of HepG2 cells using DLK1 Antibody (C-term)(green, Cat(ABIN6243159 and ABIN6577727)) compared to an isotype control of mouse IgG2b(blue). (ABIN6243159 and ABIN6577727) was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody.



### Western Blotting

**Image 2.** All lanes : Anti-DLK1 Antibody (C-term) at 1:1000 dilution Lane 1: human placenta lysates Lane 2: mouse skeletal muscle lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 41 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemical analysis of paraffin-embedded H. placenta section using DLK1 Antibody (C-term) (ABIN6243159 and ABIN6577727). (ABIN6243159 and ABIN6577727) was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.