

Datasheet for ABIN1449213

anti-DLK1 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	DLK1
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This DLK1 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Pref-1-Fc protein
Clone:	24-11-14
Isotype:	IgG1
Specificity:	This antibody reacts with Dlk.
Cross-Reactivity (Details):	Species reactivity (tested):Mouse.
Purification:	Protein G Agarose Chromatography of hybridoma supernatant

Target Details

Target:	DLK1
Alternative Name:	DLK1 (DLK1 Products)

Target Details

Background:	<p>Delta like protein (Dlk), also known as Preadipocyte factor-1 (Pref-1) or zona glomerulosa-specific factor (ZOG), is an EGF-like transmembrane protein expressed preadipocytes but not in mature adipocytes. It is highly expressed in fetal liver, the adrenal gland, and placenta, as well as some neuroendocrine tumors and small cell lung carcinomas, where it plays a role in differentiation and proliferation. Dlk positively and negatively regulates adipocyte differentiation via at least four major variants (45-60 kDa) of Dlk generated by alternatively splicing. Constitutive expression of Dlk inhibits adipogenesis, but insulin or insulin like growth factor-1 (IGF-1) can circumvent this inhibition. Regulated processing of Dlk releases a 50 kDa soluble form that was previously characterized as Fetal Antigen-1, a protein involved in pancreatic island cell differentiation. Synonyms: DLK, DLK-1, PREF1, Preadipocyte factor 1, Protein delta homolog 1, pG2</p>
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Gene ID:	13386
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NCBI Accession:	NP_034182
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UniProt:	Q09163
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Concentration:	1.0 mg/mL
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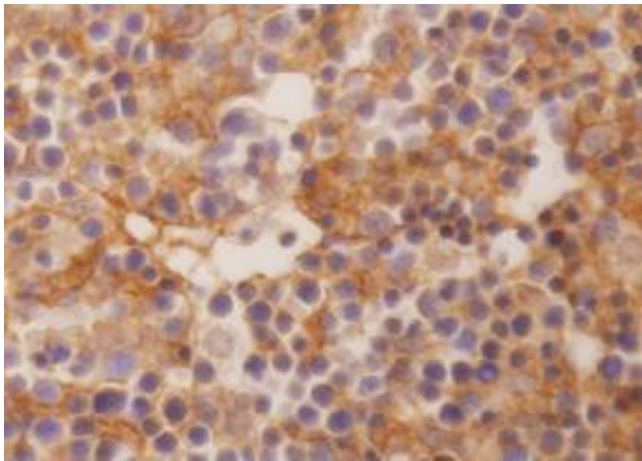
Buffer:	PBS containing 50 % Glycerol, pH 7.2, None
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Preservative:	Azide free
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Handling Advice:	Avoid repeated freezing and thawing.
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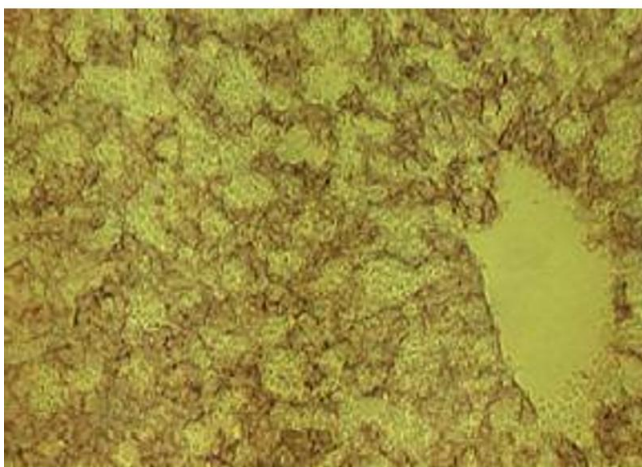
Storage:	-20 °C
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Storage Comment:	Upon receipt, store (in aliquots) at -20 °C.
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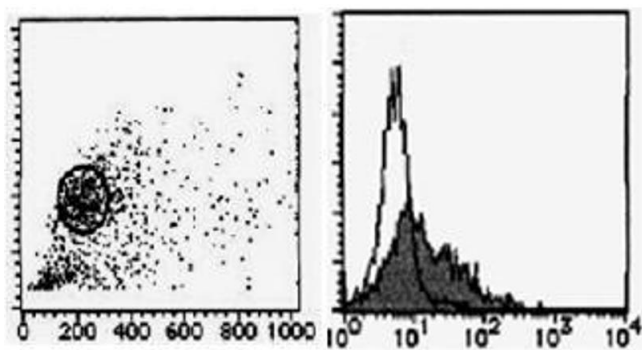
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2.



Flow Cytometry

Image 3.