

Datasheet for ABIN951885  
**anti-DENND1B antibody (N-Term)**

## 3 Images

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## Overview

Quantity:	0.4 mL
Target:	DENND1B
Binding Specificity:	AA 46-76, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DENND1B antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 46-76 amino acids from the N-terminal region of Human DENND1B. Genename: DENND1B
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human DENND1B (N-term).
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	DENND1B
Alternative Name:	DENND1B ( <a href="#">DENND1B Products</a> )

## Target Details

**Background:** Clathrin (see MIM 118955)-mediated endocytosis is a major mechanism for internalization of proteins and lipids. Members of the connecdenn family, such as DENND1B, function as guanine nucleotide exchange factors (GEFs) for the early endosomal small GTPase RAB35 (MIM 604199) and bind to clathrin and clathrin adaptor protein-2 (AP2, see MIM 601024). Thus, connecdenns link RAB35 activation with the clathrin machinery (Marat and McPherson, 2010 [PubMed 20154091]). Synonyms: C1orf218, Connecdenn 2, DENN domain-containing protein 1B, FAM31B

**Molecular Weight:** 48260 Da

**Gene ID:** 163486

**NCBI Accession:** [NP\\_001182144](#)

## Application Details

**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** PBS, 0.09 % (W/V) Sodium Azide

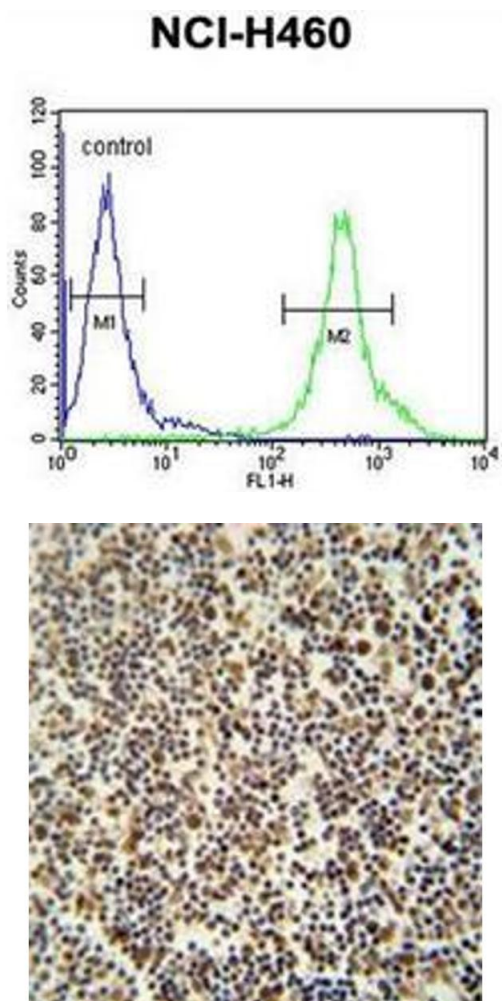
**Preservative:** Sodium azide

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

**Handling Advice:** Avoid repeated freezing and thawing.

**Storage:** 4 °C/-20 °C

**Storage Comment:** Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

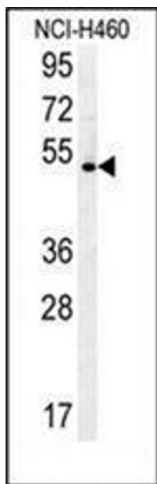


### Flow Cytometry

**Image 1.** Flow cytometric analysis of NCI-H460 cells using DENND1B Antibody (N-term) Cat.-No AP51240PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin fixed, paraffin embedded human lymph tissue stained with DENND1B Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



### Western Blotting

**Image 3.** Western blot analysis of DENND1B Antibody (N-term) in NCI-H460 cell line lysates (35ug/lane). This demonstrates the DENND1B antibody detected the DENND1B protein (arrow).