

Datasheet for ABIN7174363  
**anti-CYLD antibody (C-Term) (Biotin)**



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## Overview

|                      |                                            |
|----------------------|--------------------------------------------|
| Quantity:            | 100 µg                                     |
| Target:              | CYLD                                       |
| Binding Specificity: | AA 269-435, C-Term                         |
| Reactivity:          | Human                                      |
| Host:                | Rabbit                                     |
| Clonality:           | Polyclonal                                 |
| Conjugate:           | This CYLD antibody is conjugated to Biotin |
| Application:         | ELISA                                      |

## Product Details

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| Immunogen:        | Recombinant Human Ubiquitin carboxyl-terminal hydrolase CYLD protein (269-435AA) |
| Isotype:          | IgG                                                                              |
| Cross-Reactivity: | Human                                                                            |
| Purification:     | >95%, Protein G purified                                                         |

## Target Details

|                   |                                                                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | CYLD                                                                                                                                                                                         |
| Alternative Name: | CYLD ( <a href="#">CYLD Products</a> )                                                                                                                                                       |
| Background:       | Background: Deubiquitinase that specifically cleaves 'Lys-63'-linked polyubiquitin chains. Has endodeubiquitinase activity. Plays an important role in the regulation of pathways leading to |

## Target Details

NF-kappa-B activation (PubMed:12917689, PubMed:12917691). Contributes to the regulation of cell survival, proliferation and differentiation via its effects on NF-kappa-B activation (PubMed:12917690). Negative regulator of Wnt signaling (PubMed:20227366). Inhibits HDAC6 and thereby promotes acetylation of alpha-tubulin and stabilization of microtubules (PubMed:19893491). Plays a role in the regulation of microtubule dynamics, and thereby contributes to the regulation of cell proliferation, cell polarization, cell migration, and angiogenesis (PubMed:18222923, PubMed:20194890). Required for normal cell cycle progress and normal cytokinesis (PubMed:17495026, PubMed:19893491). Inhibits nuclear translocation of NF-kappa-B. Plays a role in the regulation of inflammation and the innate immune response, via its effects on NF-kappa-B activation (PubMed:18636086). Dispensable for the maturation of intrathymic natural killer cells, but required for the continued survival of immature natural killer cells. Negatively regulates TNFRSF11A signaling and osteoclastogenesis (By similarity). Involved in the regulation of ciliogenesis, allowing ciliary basal bodies to migrate and dock to the plasma membrane, this process does not depend on NF-kappa-B activation (By similarity). Also able to remove linear ('Met-1'-linked) polyubiquitin chains to regulate innate immunity: recruited to the LUBAC complex and, together with OTULIN, restricts linear polyubiquitin formation on RIPK2 in response to NOD2 stimulation (PubMed:26670046, PubMed:26997266). Aliases: BRSS antibody, CDMT antibody, Cyld antibody, CYLD gene antibody, CYLD\_HUMAN antibody, CYLD1 antibody, CYLDI antibody, cylindromatosis (turban tumor syndrome) antibody, cylindromatosis 1 antibody, Deubiquitinating enzyme CYLD antibody, EAC antibody, HSPC057 antibody, KIAA0849 antibody, MFT antibody, MFT1 antibody, Probable ubiquitin carboxyl terminal hydrolase CYLD antibody, SBS antibody, TEM antibody, turban tumor syndrome antibody, Ubiquitin carboxyl-terminal hydrolase CYLD antibody, ubiquitin specific peptidase like 2 antibody, ubiquitin thioesterase CYLD antibody, Ubiquitin thiolesterase CYLD antibody, Ubiquitin-specific processing protease CYLD antibody, Ubiquitin-specific-processing protease CYLD antibody, USPL2 antibody

|           |                                                                                  |
|-----------|----------------------------------------------------------------------------------|
| UniProt:  | <a href="#">Q9NQC7</a>                                                           |
| Pathways: | <a href="#">Apoptosis</a> , <a href="#">Activation of Innate immune Response</a> |

## Application Details

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

## Handling

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|                    |                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                            |
| Buffer:            | Preservative: 0.03 % Proclin 300<br>Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4                                |
| Preservative:      | ProClin                                                                                                           |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C,-80 °C                                                                                                     |
| Storage Comment:   | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                     |