

Datasheet for ABIN7303042
anti-Dematin antibody (C-Term)

3 Images

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Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | Dematin (EPB49) |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Cow |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Dematin antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC) |

Product Details

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|------------------|---|
| Immunogen: | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Dematin. |
| Specificity: | Recognizes endogenous levels of Dematin protein. |
| Characteristics: | Rabbit polyclonal antibody to Dematin |
| Purification: | The antibody was purified by affinity chromatography. |

Target Details

| | |
|-------------------|--|
| Target: | Dematin (EPB49) |
| Alternative Name: | Dematin (EPB49 Products) |

Target Details

| | |
|-------------|---|
| Background: | DMT, EPB49, Dematin, Dematin actin-binding protein, Erythrocyte membrane protein band 4.9 |
| Gene ID: | 2039, 13829 |
| UniProt: | Q08495 , Q9WV69 |
| Pathways: | Regulation of Actin Filament Polymerization |

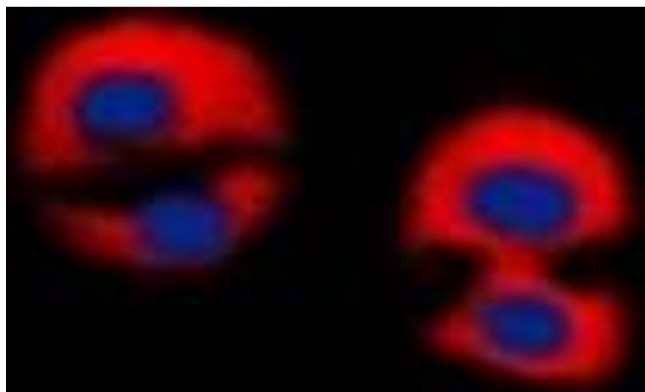
Application Details

| | |
|--------------------|--|
| Application Notes: | WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500) |
| Restrictions: | For Research Use only |

Handling

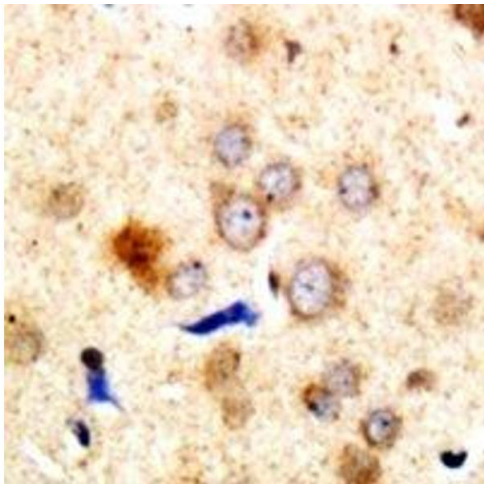
| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | Liquid in PBS, pH 7.3, 0.2 % BSA, and 0.02 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |
| Expiry Date: | 12 months |

Images



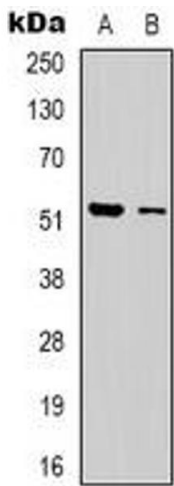
Immunofluorescence

Image 1. Immunofluorescent analysis of Dematin staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody.



Immunohistochemistry

Image 2. Immunohistochemical analysis of Dematin staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the



Western Blotting

Image 3. Western blot analysis of Dematin expression in Jurkat (A), HEK293T (B) whole cell lysates.