

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
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

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)
Background:	DMT, EPB49, Dematin, Dematin actin-binding protein, Erythrocyte membrane protein band 4.9

Target Details

Gene ID:	2039, 13829
UniProt:	Q08495 , Q9WV69
Pathways:	Regulation of Actin Filament Polymerization

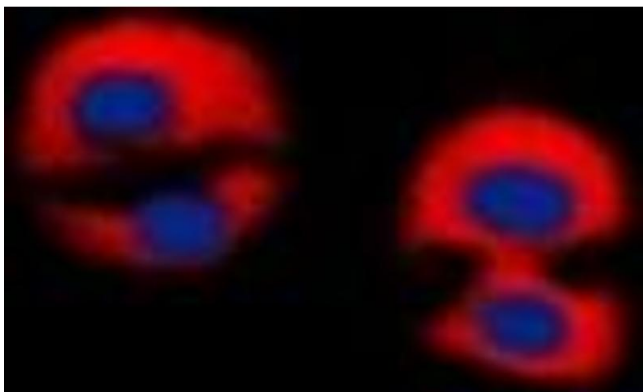
Application Details

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

Handling

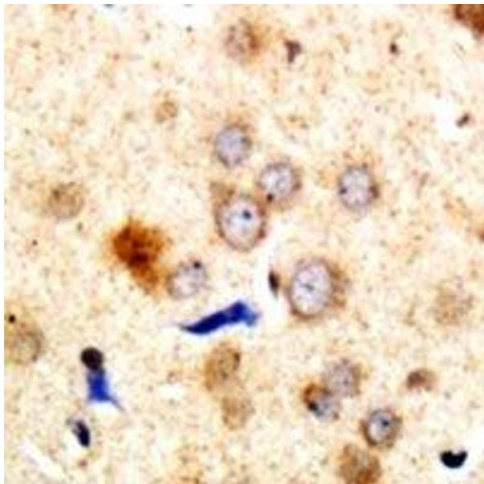
Format:	Liquid
Buffer:	Liquid in PBS, pH 7.3, 0.2 % BSA, and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon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

Images



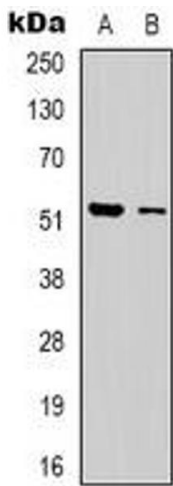
Immunofluorescence

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.