

## Product datasheet for **AP51441PU-N**

### Dematin (DMTN) (Center) Rabbit Polyclonal Antibody

#### Product data:

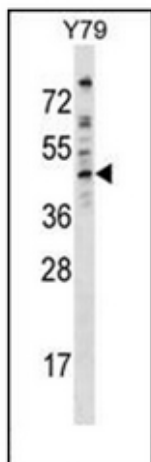
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1,000. <b>Western Blot:</b> 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 248-277 amino acids from the Central region of Human Dematin.
Specificity:	This antibody recognizes Human Dematin (Center).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	dematin actin binding protein
Database Link:	<a href="#">Entrez Gene 2039 Human Q08495</a>
Background:	Dematin, or EPB49, is an actin-bundling protein originally identified in the erythroid membrane skeleton. Its actin-bundling activity is abolished upon phosphorylation by cAMP-dependent protein kinase and is restored after dephosphorylation (Rana et al., 1993 [PubMed 8341682]).
Synonyms:	EPB49, DMT



[View online »](#)

Note: **Molecular Weight:** 45514 Da

**Product images:**



Western blot analysis of Dematin Antibody in Y79 cell line lysates (35ug/lane). This demonstrates the Dematin antibody detected the Dematin protein (arrow).