

anti-Human, Mouse Dematin Antibody | anti-DMT antibody

Dematin (Ab-403) Antibody

CATALOG # AAA112076	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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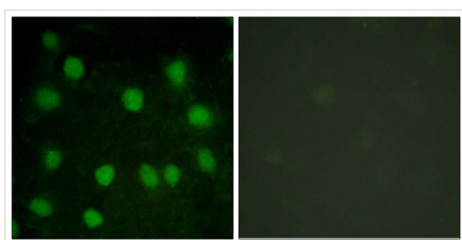
PRODUCT SYNONYMS

Dematin; Dematin (Ab-403) Antibody; DEMA; EPB49; Erythrocyte membrane protein band 4.9; anti-DMT antibody

PRODUCT SPECIFICATIONS

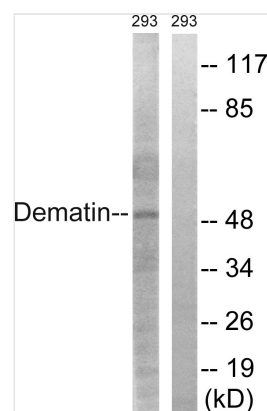
Reactivity	Human, Mouse
Specificity	Dematin (Ab-403) antibody detects endogenous levels of total Dematin protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	405
Applicable Applications for anti-DMT antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human Dematin around the phosphorylation site of serine 403 (K-A-SP-L-F).
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



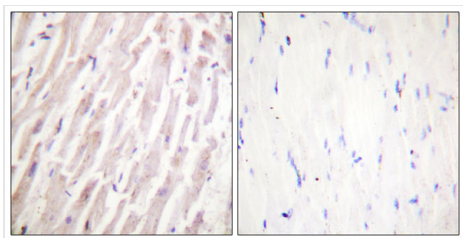
IF (Immunofluorescence)

serum +/- Immunofluorescence analysis of HuvEc cells, treated with serum (20%, 30mins), using Dematin (Ab-403) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using Dematin (Ab-403) antibody. Western blot analysis of extracts from 293 cells, using Dematin (Ab-403) antibody.



Application Data
Peptide+

ADDITIONAL INFORMATION

Product Categories/Family for anti-DMT antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Rana A.P., Proc. Natl. Acad. Sci. U.S.A. 90:6651-6655(1993). Azim A.C., J. Biol. Chem. 270:17407-17413(1995). The MGC Project Team; Genome Res. 14:2121-2127(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	166706877
NCBI GeneID	2039
NCBI Accession #	NP_001107607.1
NCBI GenBank Nucleotide #	NM_001114135.4
UniProt Accession #	Q08495; Q13215; Q9BRE3; A8K0T5; B3KP70; B3KRH3; B4DI75; E9PEJ0
Molecular Weight	41,558 Da
NCBI Official Full Name	dematin isoform 1
NCBI Official Synonym Full Names	dematin actin binding protein
NCBI Official Symbol	DMTN
NCBI Official Synonym Symbols	DMT; EPB49
NCBI Protein Information	dematin
UniProt Protein Name	Dematin
UniProt Gene Name	DMTN
UniProt Synonym Gene Names	DMT; EPB49

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/dmt-human-mouse-antibody/dematin/112076>