

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

Dematin (Phospho-Ser403) Antibody

CATALOG # AAA267534	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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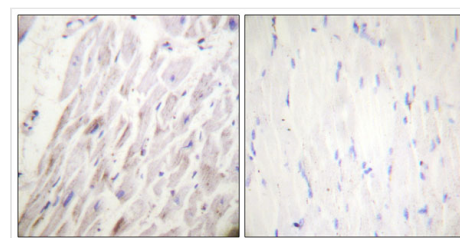
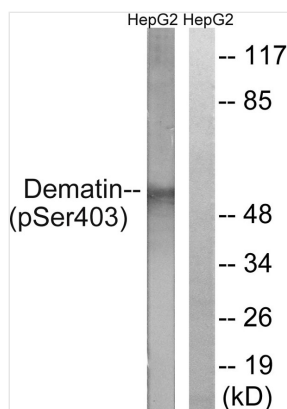
PRODUCT SYNONYMS

Dematin; Dematin (Phospho-Ser403) Antibody; DEMA; EPB49; Erythrocyte membrane protein band 4.9; anti-DMT antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	Dematin (Phospho-Ser403) antibody detects endogenous levels of Dematin only when phosphorylated at serine 403.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	405
Applicable Applications for anti-DMT antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Dematin around the phosphorylation site of serine 403 (K-A-SP-L-F).
All Sites	Human: Ser403 Mouse: Ser403
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using Dematin (Phospho-Ser403) antibody. Western blot analysis of extracts from HepG2 cells, treated with Insulin (0.01U/ml, 15mins), using Dematin (Phospho-Ser403) antibody.

ADDITIONAL INFORMATION

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).
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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/267534>