

Dematin (E397) polyclonal antibody

Catalog: BS1631

Host: Rabbit

Reactivity: Human

BackGround:

Caldesmon, filamin 1, nebulin, villin, plastin, ADF, gelsolin, Dematin, and cofilin are differentially expressed actin binding proteins. Dematin is a bundling protein of the erythrocyte membrane skeleton. Dematin is localized to the spectrin-actin junctions, and its actin-bundling activity is abolished upon phosphorylation by cAMP-dependent protein kinase. It may also play a role in the regulation of cell shape, implying a role in tumorigenesis. Dematin is a trimeric protein containing two subunits of 48 kDa and one subunit of 52 kDa.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 50 kDa

Swiss-Prot:

Q08495

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

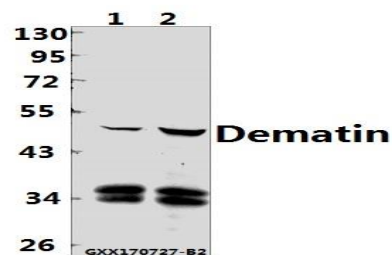
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Dematin (E397) polyclonal antibody detects endogenous levels of Dematin protein.

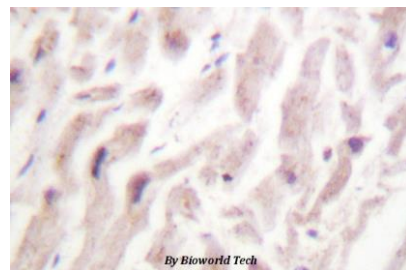
DATA:



Western blot (WB) analysis of Dematin (E397) pAb at 1:500 dilution

Lane1:SGC7901 whole cell lysate(40ug)

Lane2:SK-OVCAR3 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Dematin (E397) pAb in paraffin-embedded human heart tissue.

Note:

For research use only, not for use in diagnostic procedure.

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