

PRODUCT DATA SHEET



Bioworld Technology, Inc.

COFILN1 (D9) pAb

Cat No.: BS5561

Host: Rabbit

Reactivity: Human, Mouse, Rat

BACKGROUND

Cofilin is ubiquitously expressed in eukaryotic cells where it binds to Actin, thereby regulating the rapid cycling of Actin assembly and disassembly essential for cellular viability. Cofilin is a low molecular weight protein that binds to filamentous F-Actin by bridging two longitudinally associated Actin subunits changing the F-Actin filament twist. This process is allowed by the dephosphorylation of Cofilin Ser 3 by factors such as opsonized zymosan. Lim kinase 1, a serine kinase, phosphorylates Cofilin and renders it unable to bind and depolymerise F-Actin.

PRODUCT

1 mg/ml in Phosphate buffered saline (PBS) with 0.05

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

IHC: 1:50 ~ 1:200 (Recommended Dilutions)

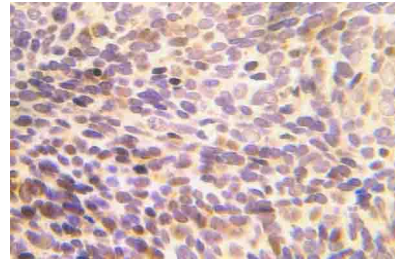
STORAGE & STABILITY

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

SPECIFICITY

COFILN1 (D9) pAb detects endogenous levels of COFILN1 protein.

DATA



Immunohistochemistry (IHC) analyzes of COFILN1 (D9) pAb in paraffin-embedded human lung adenocarcinoma tissue.

RESEARCH USE

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

Bioworld Technology, Inc.

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