

Vimentin Mouse monoclonal antibody

Catalog: MB9006

Host: Mouse

Reactivity: Human,mouse,rat

BackGround:

Cytoskeletal intermediate filaments (IFs) constitute a diverse group of proteins that are expressed in a highly tissue-specific manner. Intermediate filaments are constructed from two-chain, α -helical, coiled-coil molecules arranged on an imperfect helical lattice and have been widely used as markers for distinguishing individual cell types within a tissue and identifying the origins of metastatic tumors. One such intermediate filament protein, Vimentin, is a general marker of cells originating in the mesenchyme. Vimentin is frequently coexpressed with other members of the intermediate filament family, such as the cytokeratins, in neoplasms including melanoma and breast carcinoma.

Product:

Mouse IgG1, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 54 kDa

Swiss-Prot:

P08670

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:2000-1:5000 ICC: 1:200

IHC: 1:200 FC: 1:50-1:100

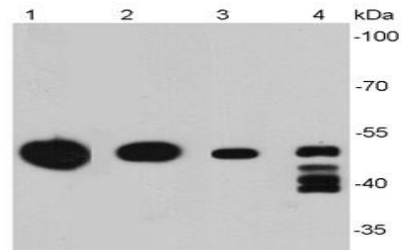
Storage&Stability:

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

Specificity:

This antibody detects endogenous levels of Vimentin and does not cross-react with related proteins.

DATA:



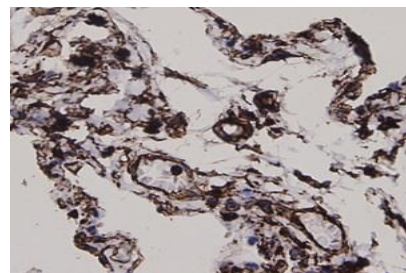
Western blot (WB) analysis of Vimentin Mouse mAb at 1:2000 dilution

Lane1: A549 whole cell lysate

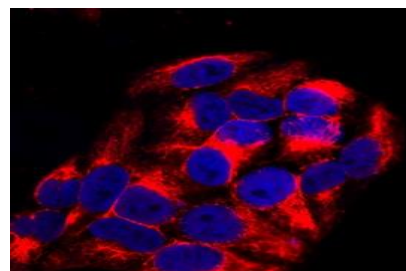
Lane2:Hela whole cell lysate

Lane3:NIH/3T3 whole cell lysate

Lane4:The embryonic stem cell lysate of Mouse



Immunohistochemical analysis of paraffin-embedded human lung tissue using vimentin antibody. Counter stained with hematoxylin.



ICC staining vimentin in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151