

Desmin Rabbit monoclonal antibody

Catalog: BS9895M

Host: Rabbit

Reactivity: Human, Mouse, Rat, Zebra fish

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 alpha-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 co-expressed with other members of the intermediate filament family such as the cytokeratins, in neoplasms including melanoma and breast carcinoma. Vimentin and Desmin, a related class III intermediate filament, are both expressed during skeletal muscle development.

Product:

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

Molecular Weight:

~ 54 kDa

Swiss-Prot:

P17661

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:1000-1:5000

IHC/ICC/IF: 1:50-1:200

FC: 1:50-1:100

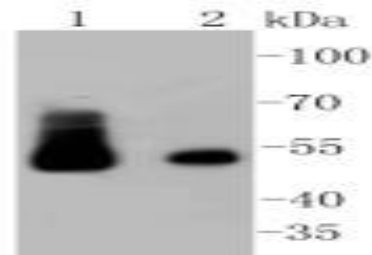
Storage&Stability:

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 Desmin and does not cross-react with related proteins.

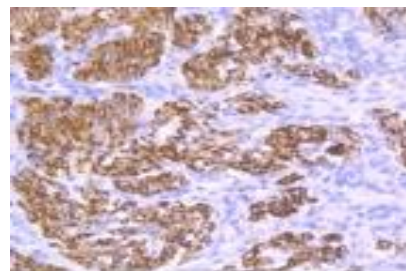
DATA:



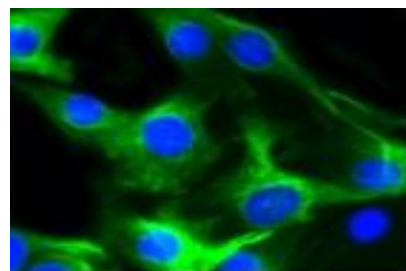
Western blot (WB) analysis of Desmin Rabbit mAb at 1:1000 dilution

Lane1: The skeletal muscle lysate of Human

Lane2: The heart tissue lysate of Mouse



Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-Desmin antibody. Counter stained with hematoxylin.



ICC staining Desmin in C2C12 cells (green). 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