Product Datasheet

Vimentin Antibody NBP1-92687SS

Unit Size: 0.025 ml

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

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Updated 2/9/2014 v.20.1

NBP1-92687SS

Vimentin Antibody (2D1)

P08670] Product Application Details Applications Western Blot, Simple Western, Immunocytochemistry/Immunofluorescence Recommended Dilutions Immunocytochemistry/Immunofluorescence 1:500-1:1000, Western Blot 1:500 Application Notes This Vimentin (2D1) antibody is useful for Immunocytochemistry/Immunofluorescence and Western blot, where a band can be seen at approximately 50 kDa.In Simple Western only 10-15 uL of the		
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Images

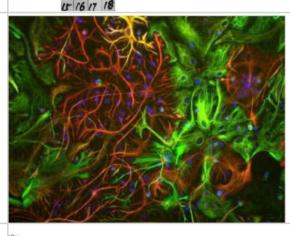
Western Blot: Vimentin Antibody (2D1) [NBP1-92687] - Western blot of crude extract HeLa. Lane 18 was probed with NBP1-92687 antibody. Note the strong clean band at the expected molecular weight of 50kDa. Lane 17 was probed with a monoclonal antibody to Vimentin (cat# NBP1 -92688). Lane 15 was probed with an antibody to actin, giving an SDS-PAGE molecular weight of 42kDa, and Lane 16 with NBP1-92691, an antibody to 14-3-3 eta, which has an SDS-PAGE molecular weight of 28kDa.

Immunocytochemistry/Immunofluorescence: Vimentin Antibody (2D1) [NBP1-92687] - View of mixed neuron/glial cultures stained with NBP1-92687 (green) and the GFAP rabbit polyclonal (NB300-141, red). Vimentin is expressed alone in fibroblastic and endothelial cells, which are the flattened cells in the middle of the image which appear green. Astrocytes may express primarily GFAP, or GFAP and Vimentin, and so appear red (GFAP only) or golden yellow (GFAP and Vimentin). In cells which express both GFAP and Vimentin, the two proteins assemble to produce heteropolymer filaments.

Simple Western: Vimentin Antibody (2D1) [NBP1-92687] - Simple Western lane view shows a specific band for Vimentin in 0.5 mg/ml of HeLa lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.

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50kDa >

42kDa >

28kDa >



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our guarantee, please visit www.novusbio.com/guarantee.

