

NIS monoclonal antibody clone VJ1

Product Description

Product Name: NIS monoclonal antibody clone VJ1
Catalog Number: REA002
Lot Number: IM01
Unit Size: 250 μ L
Species: Mouse
Antigen: Human sodium iodide symporter (hNIS)
Isotype: IgG1
Reactivity: Human

This is a mouse monoclonal IgG1 antibody raised against the human sodium iodide symporter (hNIS).

Storage Instructions

This antibody can be stored short term (1-2 weeks) at 2-6°C. For longer term storage, aliquot and store at or below -20°C. Avoid repeated freeze/thaw cycles.

Recommended Uses

The NIS monoclonal antibody clone VJ1 is suitable for flow cytometry and immunofluorescence studies. The recommended dilutions are as follows:

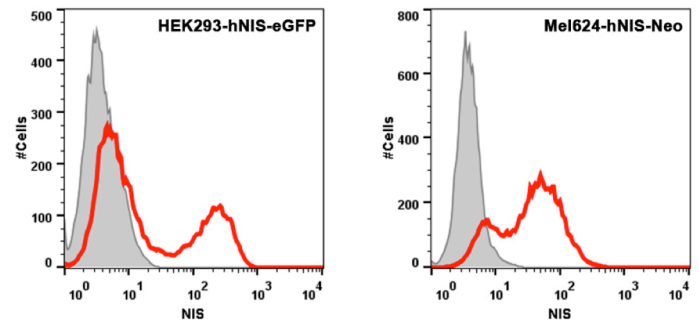
Flow cytometry (1:10-1:50)

Immunofluorescence (1:10-1:50)

Certificate of Analysis

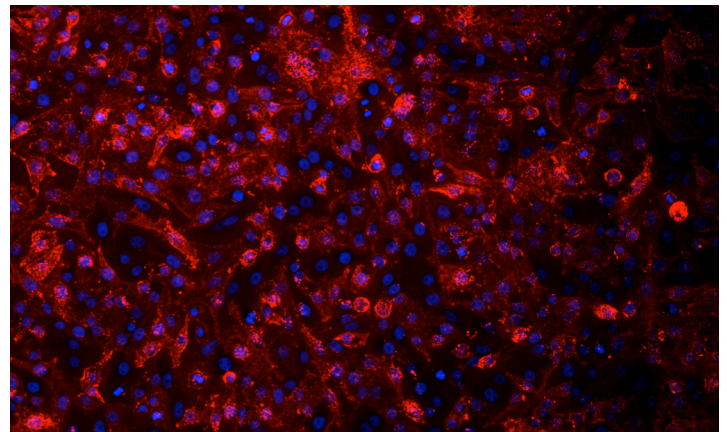
Testing performed by Imanis Life Sciences

Flow cytometry

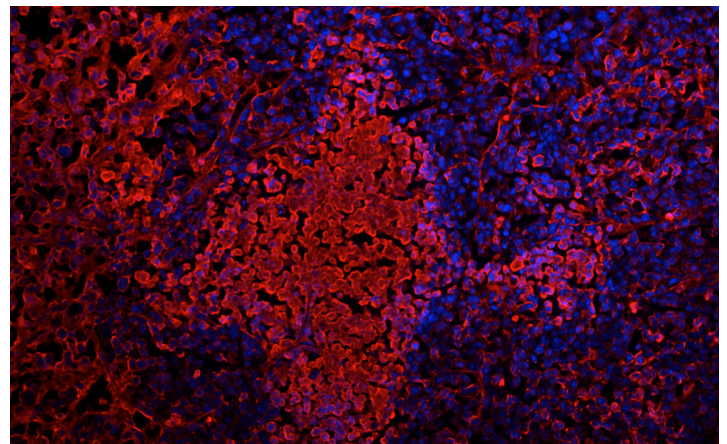


HEK293-hNIS-eGFP (left) or Mel624-hNIS-Neo (right) cells, which overexpress hNIS, were fixed with paraformaldehyde and stained with NIS monoclonal antibody clone VJ1 (1:50 dilution) followed by an Alexa Fluor 555-conjugated anti-mouse secondary antibody. Stained and unstained control (grey) cells were subjected to flow cytometry analysis.

Immunofluorescent staining



Mel624-hNIS-Neo cells, which stably express hNIS, were fixed with paraformaldehyde and stained with NIS antibody clone VJ1 (1:50 dilution) followed by an Alexa Fluor 555-conjugated anti-mouse secondary antibody and Hoechst 33342 to stain nuclei. Cell photos were taken at 200X magnification.



A cryosection of MPC-11 tumor treated with VSV-mIFN β -NIS was fixed with acetone and stained with NIS antibody clone VJ1 (1:50 dilution) followed by an Alexa Fluor 555-conjugated anti-mouse secondary antibody and Hoechst 33342 to stain nuclei. Cell photos were taken at 200X magnification.

Quality control by: LS

Quality Assurance by: RLV

Effective Date: 20-Apr-2016

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Imanis Life Sciences
221 1st Ave SW STE 102
Rochester MN 55902
Tel: (507) 218-2559
Email: info@imanislife.com
