

Datasheet for ABIN7161178

anti-Nestin antibody

9 Images

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Overview

Quantity:	100 µL
Target:	Nestin (NES)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nestin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant Human Nestin protein
Clone:	2C2F7
Isotype:	IgG1, IgG1 kappa
Cross-Reactivity:	Human
Purification:	Protein G purified

Target Details

Target:	Nestin (NES)
Alternative Name:	NES (NES Products)
Background:	Background: Required for brain and eye development. Promotes the disassembly of

Target Details

phosphorylated vimentin intermediate filaments (IF) during mitosis and may play a role in the trafficking and distribution of IF proteins and other cellular factors to daughter cells during progenitor cell division. Required for survival, renewal and mitogen-stimulated proliferation of neural progenitor cells.

Aliases: Nestin, NES, Nbla00170

UniProt: [P48681](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

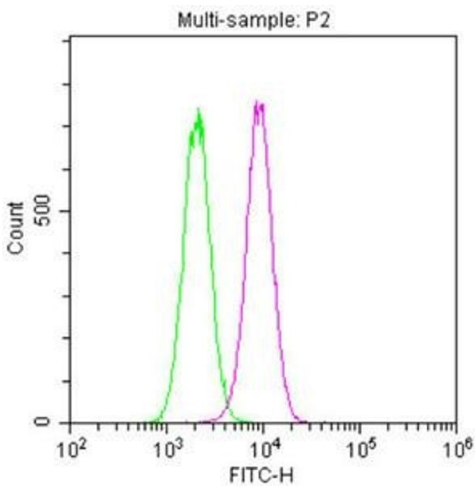
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

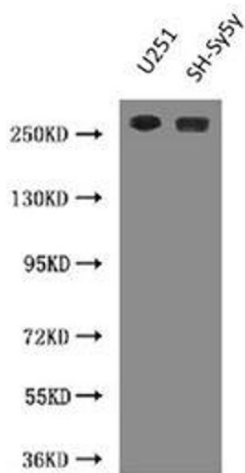
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Flow Cytometry

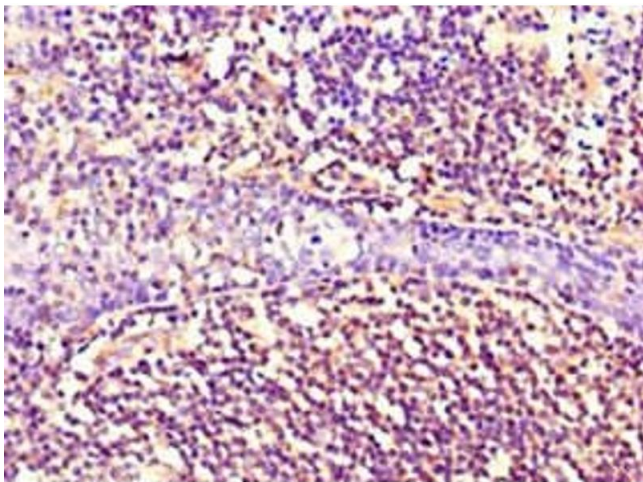
Image 1. Overlay histogram showing Hela cells stained with ABIN7161178 (red line). The cells were fixed with 70 % Ethylalcohol (18h) and then permeabilized with 0.3 % Triton X-100 for 2 min. The cells were then incubated in 1x PBS /10 % normal goat serum to block non-specific protein-protein interactions followed by the antibody (10 µg/1*10⁶ cells) for 1 h at 4 °C. The secondary antibody used was FITC goat anti-mouse IgG(H+L) at 1/200 dilution for 1 h at 4 °C.



Isotype control antibody (green line) was mouse IgG1 (10 μ g/ 1×10^6 cells) used under the same conditions. Acquisition of $>10,000$ events was performed.

Western Blotting

Image 2. Western Blot Positive WB detected in: U251 whole cell lysate, SH-SY5Y whole cell lysate All lanes: NES antibody at 3 μ g/mL Secondary Goat polyclonal to Mouse IgG at 1/10000 dilution Predicted band size: 178 kDa Observed band size: 260 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7161178 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN7161178.