

Datasheet for ABIN7425896
anti-Nestin antibody (AA 178-399)

3 Images

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Overview

Quantity:	100 µL
Target:	Nestin (NES)
Binding Specificity:	AA 178-399
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nestin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Monoclonal Antibody to Nestin (NES)
Immunogen:	Recombinant Nestin (NES) corresponding to Leu178~Pro399 with N-terminal His Tag
Clone:	D10
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against NES. It has been selected for its ability to recognize NES in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

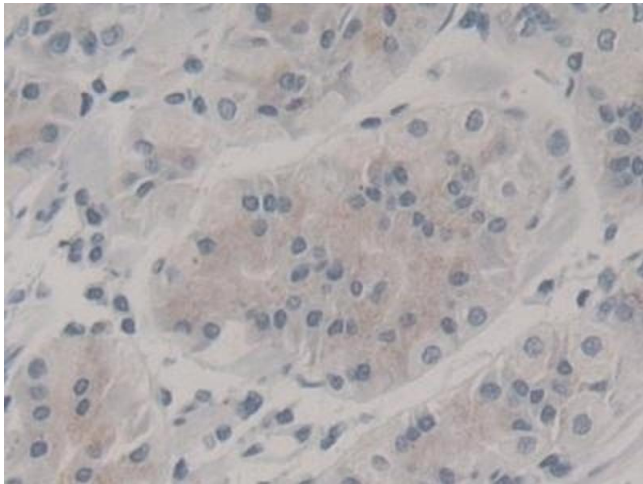
Target:	Nestin (NES)
Alternative Name:	Nestin (NES Products)

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

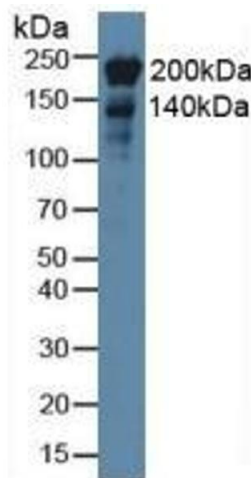
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



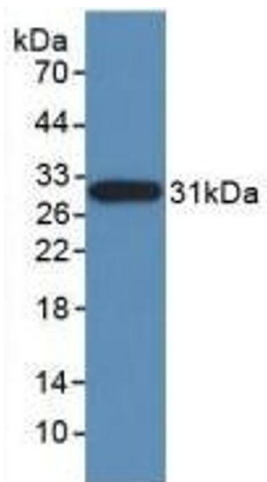
Immunohistochemistry

Image 1. Detection of NES in Human Stomach Tissue using Monoclonal Antibody to Nestin (NES)



Western Blotting

Image 2. Detection of NES in Rat Heart Tissue using Monoclonal Antibody to Nestin (NES)



Western Blotting

Image 3. Detection of Recombinant NES, Human using Monoclonal Antibody to Nestin (NES)