

**Neuropilin-1 Recombinant Rabbit mAb**  
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**Catalog # AP94009****Specification**

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**Neuropilin-1 Recombinant Rabbit mAb - Product Information**

Application	<b>IHC-P, WB</b>
Primary Accession	<a href="#">Q5T7F3</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Recombinant</b>

**Neuropilin-1 Recombinant Rabbit mAb - Additional Information****Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

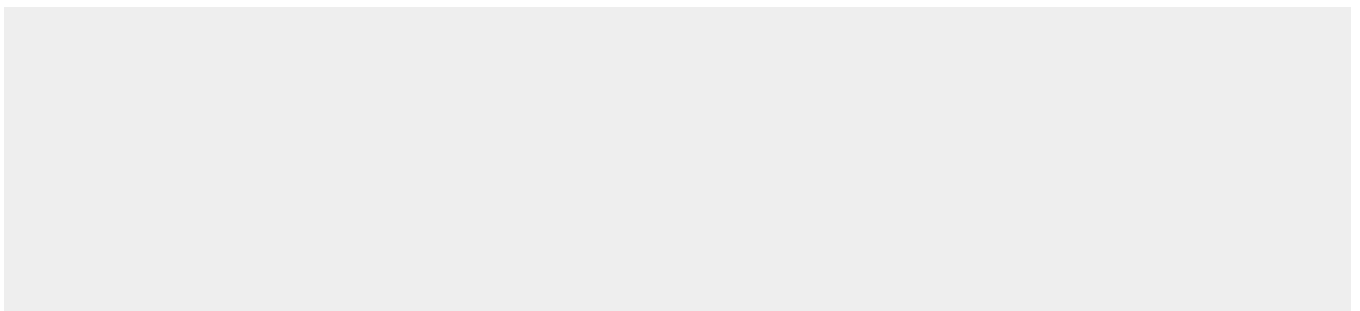
**Storage**

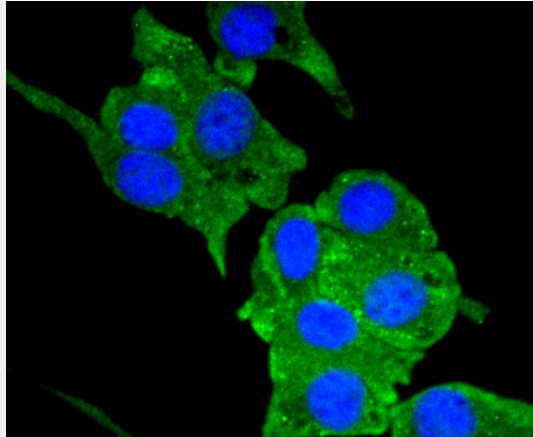
Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**Neuropilin-1 Recombinant Rabbit mAb - Protein Information****Neuropilin-1 Recombinant Rabbit mAb - Protocols**

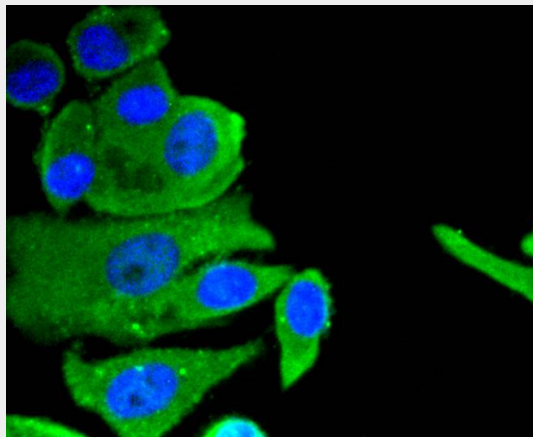
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

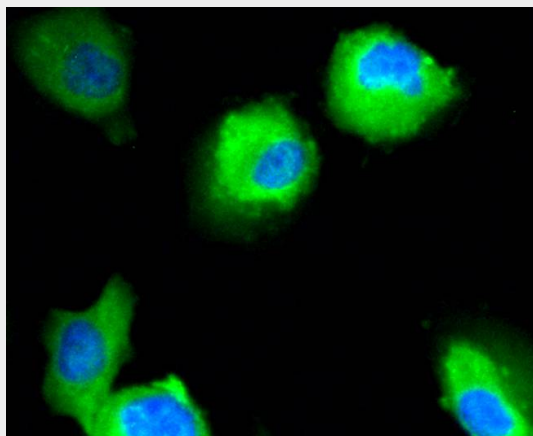
**Neuropilin-1 Recombinant Rabbit mAb - Images**



SHG-44 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Antibody incubation with (Neuropilin-1) monoclonal Antibody, Unconjugated (AP94009) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

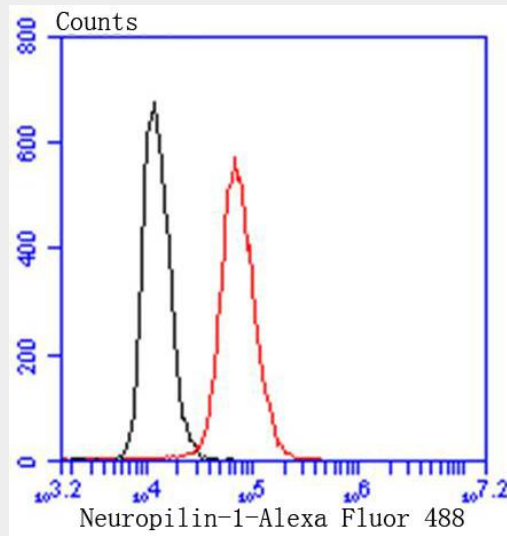


MCF7 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Antibody incubation with (Neuropilin-1) monoclonal Antibody, Unconjugated (AP94009) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

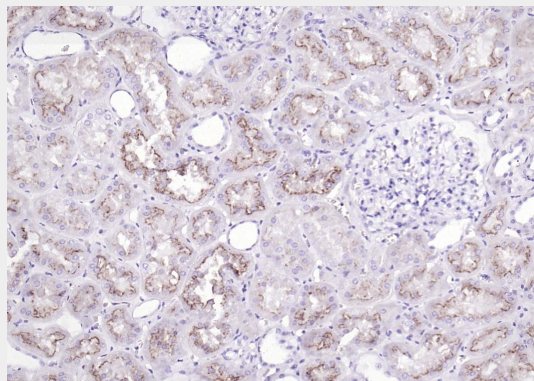


HUVEC cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Antibody incubation with (Neuropilin-1)

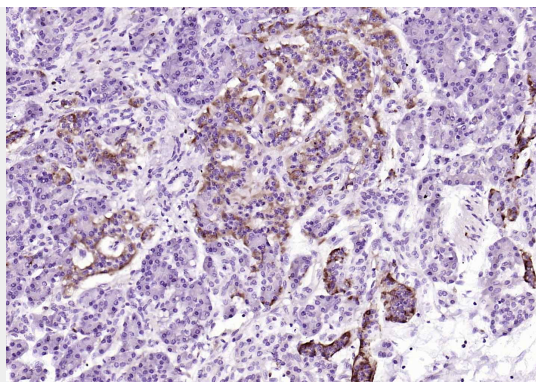
monoclonal Antibody, Unconjugated (AP94009) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.



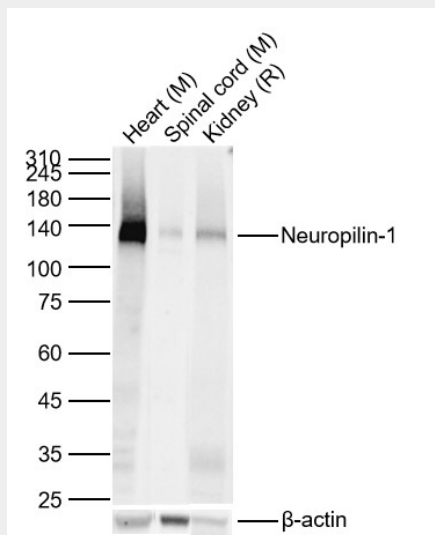
Blank control:Hela. Primary Antibody (green line): Rabbit Anti- antibody (AP94009) Dilution: 1:50; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF488 Dilution: 1:1000. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 0.1% PBST for 20 min at room temperature.The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Neuropilin-1 ) Monoclonal Antibody, Unconjugated (AP94009) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human pancreatic cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Neuropilin-1 ) Monoclonal Antibody, Unconjugated (AP94009) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample: Lane 1: Mouse Heart Lysates Lane 2: Mouse Spinal cord Lysates Lane 3: Rat Kidney Lysates Primary: Anti-Neuropilin-1 (AP94009) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 103kDa Observed band size: 130kDa

**Neuropilin-1 Recombinant Rabbit mAb - Background**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.