Product Datasheet

Hepatic Sinusoidal Endothelial Cells Antibody (SE-1) - Azide and BSA Free

NBP2-80759

Unit Size: 0.1 ml

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

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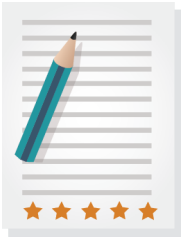
Updated 9/9/2025 v.20.1



NBP2-80759

Hepatic Sinusoidal Endothelial Cells Antibody (SE-1) - Azide and BSA Free

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SE-1
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	Tris-Glycine, 0.15 M NaCl

Product Description

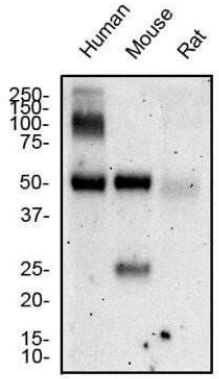
Description	Novus Biologicals Mouse Hepatic Sinusoidal Endothelial Cells Antibody (SE-1) - Azide and BSA Free (NB110-68095) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Human, Mouse, Rat
Immunogen	Rat Hepatic Sinusoidal Endothelial Cells

Product Application Details

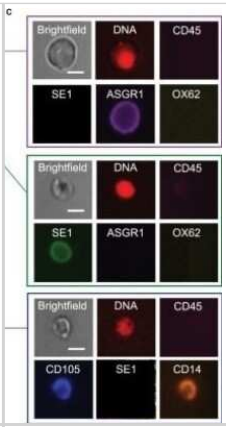
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1-5 ug/ml, Flow Cytometry reported in scientific literature (Motoyama et al; PMID: 9428229), Immunohistochemistry 1-5 ug/ml, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1-5 ug/ml, Immunohistochemistry-Frozen 1-5 ug/ml
Application Notes	In WB, Hepatic Sinusoidal Endothelial Cells antibody (clone SE-1) generates a specific band around 45-50 kDa molecular weight position. For IHC use neutral buffered formalin fixated (perfusion fixation is recommended) paraffin embedded tissues after proteinase K treatment or acetone fixed frozen sections.

Images

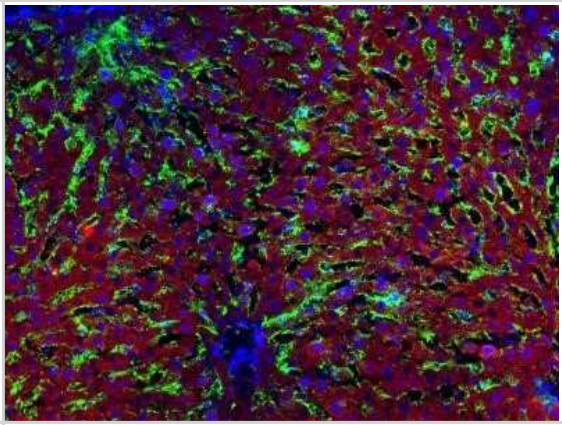
Western Blot: Hepatic Sinusoidal Endothelial Cells Antibody (SE-1) - Azide and BSA Free [NBP2-80759] - Total protein from human, mouse and rat liver was separated on a 12% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2.0 ug/ml anti-H.S.E.C in 1% non-fat milk in TBST and detected with an anti-mouse HRP secondary antibody using chemiluminescence. Image from the standard format of this antibody.



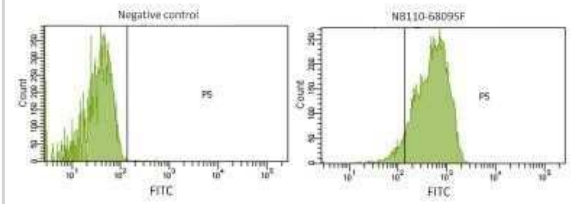
Immunocytochemistry/Immunofluorescence: Hepatic Sinusoidal Endothelial Cells Antibody (SE-1) - Azide and BSA Free [NBP2-80759] - Release of structural liver cells into the perfusate after cold ischemia. Representative images of surface marker expression of hepatocytes (top), LSEC (middle), and stellate cells (below). Scale bars: 5 um. Image collected and cropped by CiteAb from the following publication (https://www.nature.com/articles/s41598-020-57589-4), licensed under a CC-BY license.



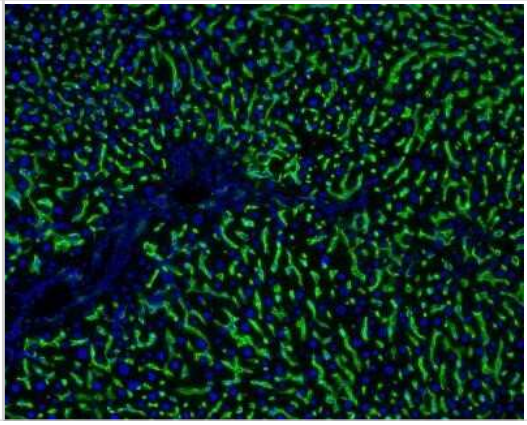
Immunohistochemistry-Frozen: Hepatic Sinusoidal Endothelial Cells Antibody (SE-1) - Azide and BSA Free [NBP2-80759] - Frozen rat liver tissue sections. DAPI (blue), SE1 (green), cytochrome P450 (red). Tissue sections were acetone fixed. SE1 antibody at 1:500, incubated at 4C overnight. Multiplexed with cytochrome P450 from another vendor. IHC-Fr image submitted by a veri



Flow Cytometry: Hepatic Sinusoidal Endothelial Cells Antibody (SE-1) - Azide and BSA Free [NBP2-80759] - Using the FITC direct conjugate Flow Cytometry: Surface staining of Rat Liver sinusoidal endothelial cells with Mouse anti-Rat Hepatic Sinusoidal Endothelial Cells [FITC] [NB110-68095F] and negative control. Total viable cells were used for analysis. Image courtesy of customer.



Immunohistochemistry: Hepatic Sinusoidal Endothelial Cells Antibody (SE-1) - Azide and BSA Free [NBP2-80759] - Analysis of frozen normal rat liver tissue sections using anti-Hepatic Sinusoidal Endothelial Cells antibody (green). Nuclei were counterstained with DAPI (blue). Image from verified customer review. Image from the standard format of this antibody.



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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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.

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