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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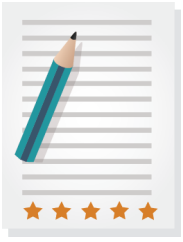
Updated 9/9/2025 v.20.1



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

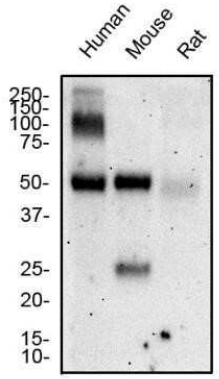
Description	Novus Biologicals Mouse Hepatic Sinusoidal Endothelial Cells Antibody (SE-1) - Azide and BSA Free (NB110-68095) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Human, Mouse, Rat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

Product Application Details

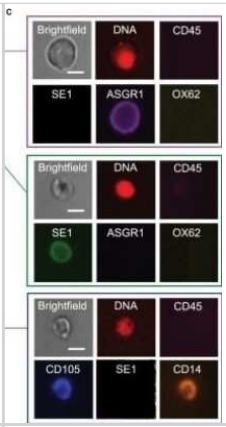
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1-5 ug/ml, Flow Cytometry reported in scientific literature (Motoyama et al; PMID: 9428229), Immunohistochemistry 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

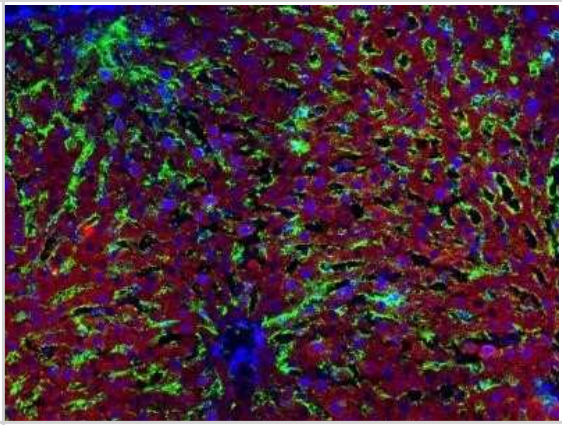
Western Blot: Hepatic Sinusoidal Endothelial Cells Antibody (SE-1) - Azide and BSA Free [NBP2-80759] - Total protein from human, mouse and rat liver was separated on a 12% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2.0 ug/ml anti-H.S.E.C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



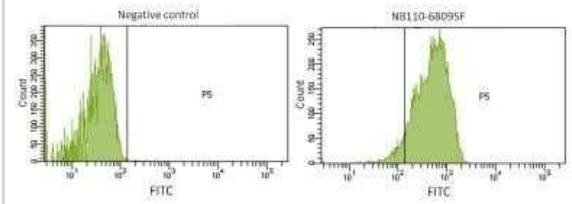
Immunocytochemistry/Immunofluorescence: Hepatic Sinusoidal Endothelial Cells Antibody (SE-1) - Azide and BSA Free [NBP2-80759] - Release of structural liver cells into the perfusate after cold ischemia. Representative images of surface marker expression of hepatocytes (top), LSEC (middle), and stellate 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.



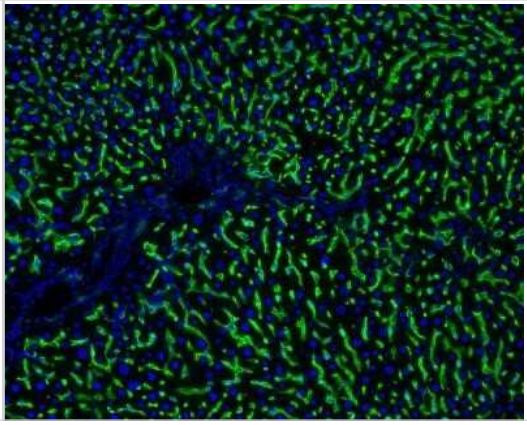
Immunohistochemistry-Frozen: Hepatic Sinusoidal Endothelial Cells Antibody (SE-1) - Azide and BSA Free [NBP2-80759] - Frozen rat liver tissue sections. DAPI (blue), SE1 (green), cytochrome P450 (red). Tissue sections were acetone fixed. SE1 antibody at 1:500, incubated at 4C overnight. Multiplexed with 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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Products Related to NBP2-80759

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

Limitations
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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