Product Datasheet

RecA-1 Antibody (HIS52) - BSA Free
NB100-64647

Unit Size: 0.1 mg

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

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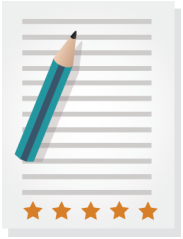
Publications: 20

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-64647

Updated 9/9/2025 v.20.1



NB100-64647

RecA-1 Antibody (HIS52) - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HIS52
Preservative	<0.1% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

Product Description

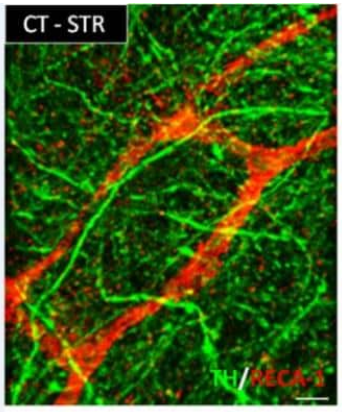
Description	Novus Biologicals Mouse RecA-1 Antibody (HIS52) - BSA Free (NB100-64647) is a monoclonal antibody validated for use in IHC. Anti-RecA-1 Antibody: Cited in 20 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Rat
Reactivity Notes	Does not react with:Goat, Chicken, Guinea Pig, Sheep, Mouse, Rabbit, Pig
Specificity/Sensitivity	Recognizes RECA-1, a cell surface antigen which is expressed by all rat endothelial cells.
Immunogen	Stromal cells from rat lymph node

Product Application Details

Applications	Immunohistochemistry, Immunohistochemistry-Frozen, Immunofluorescence
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Immunofluorescence

Images

Immunohistochemistry-Frozen: RecA-1 Antibody (HIS52) [NB100-64647] - Used as a pan-endothelial marker to monitor the effect of CT treatment on the density of blood vessels in striatal explants. [PMID: 20195471]



Publications

Haddad Y1, Couture R1. Localization and Interaction between Kinin B1 Receptor and NADPH Oxidase in the Vascular System of Diabetic Rats Front Physiol. 2017-10-31 [PMID: 29163205] (IHC-Fr, Rat)

Yu J, Li C, Ding Q et al. Netrin-1 Ameliorates Blood-Brain Barrier Impairment Secondary to Ischemic Stroke via the Activation of PI3K Pathway Front Neurosci. [PMID: 29311781] (IHC-Fr, Rat)

Miya, M et al. Age-related decline in label-retaining tubular cells: implication for reduced regenerative capacity after injury in the aging kidney. Am J Physiol Renal Physiol 302: F694-702. 2012-01-01 [PMID: 22169012]

Jantaratnotai, N et al. Comparison of Vascular Perturbations in an Abeta-Injected Animal Model and in AD Brain. Int J Alzheimers Dis 2011: 918280. 2011-01-01 [PMID: 21969915]

Morin-Brureau, M et al. Epileptiform activity induces vascular remodeling and zonula occludens 1 downregulation in organotypic hippocampal cultures: role of VEGF signaling pathways. J Neurosci 31: 10677-88. 2011-01-01 [PMID: 21775611]

Hawthorne, AL et al. The unusual response of serotonergic neurons after CNS Injury: lack of axonal dieback and enhanced sprouting within the inhibitory environment of the glial scar. J Neurosci 31: 5605-16. 2011-01-01 [PMID: 21490201]

Szmydynger-Chodobska, J et al. Multiple sites of vasopressin synthesis in the injured brain. J Cereb Blood Flow Metab 31: 47-51. 2011-01-01 [PMID: 20959854]

Schodel J, Bohr D, Klanke B et al. Factor inhibiting HIF limits the expression of hypoxia-inducible genes in podocytes and distal tubular cells. Kidney Int. 2010-01-01 [PMID: 20720525]

Androutsellis-Theotokis, A et al. Angiogenic factors stimulate growth of adult neural stem cells. PLoS ONE 5: 1-7. 2010-01-01 [PMID: 20195471]

Benton, RL et al. Transcriptional activation of endothelial cells by TGFbeta coincides with acute microvascular plasticity following focal spinal cord ischaemia/reperfusion injury. ASN Neuro 26: 181-194. 2009-01-01 [PMID: 19663807]

March, S et al. Microenvironmental regulation of the sinusoidal endothelial cell phenotype in vitro. Hepatology 50: 920-8. 2009-01-01 [PMID: 19585615]

Cattaruzza, F et al. Endothelin-converting enzyme 1 promotes re-sensitization of neurokinin 1 receptor-dependent neurogenic inflammation. Br J Pharmacol 156: 730-9. 2009-01-01 [PMID: 19222484]

More publications at http://www.novusbio.com/NB100-64647

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Products Related to NB100-64647

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB100-64647UV	RecA-1 Antibody (HIS52) [DyLight 350]

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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