

Product Datasheet

CD40/TNFRSF5 Antibody - BSA Free NB100-56127SS

Unit Size: 0.025 ml

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

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Publications: 2

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NB100-56127SS

CD40/TNFRSF5 Antibody - BSA Free

Product Information	
Unit Size	0.025 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera

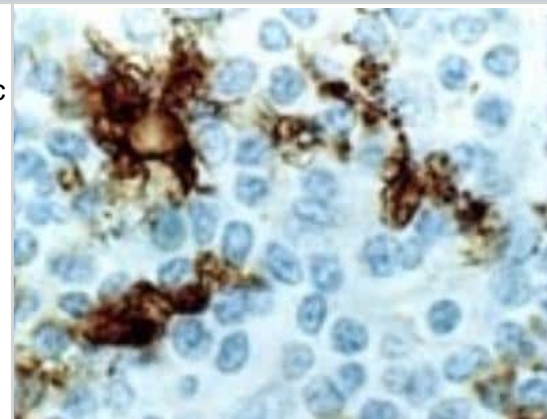
Product Description	
Description	Novus Biologicals Rabbit CD40/TNFRSF5 Antibody - BSA Free (NB100-56127) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-CD40/TNFRSF5 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	958
Gene Symbol	CD40
Species	Human, Mouse, Rat, Canine
Reactivity Notes	Cross reacts with Gerbil.
Immunogen	A recombinant protein containing the short cytoplasmic domain of the human CD40 molecule was used as immunogen.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000 - 1:2000, Immunohistochemistry, Immunoprecipitation 1:50 - 1:200, Immunohistochemistry-Paraffin 1:1000 - 1:5000

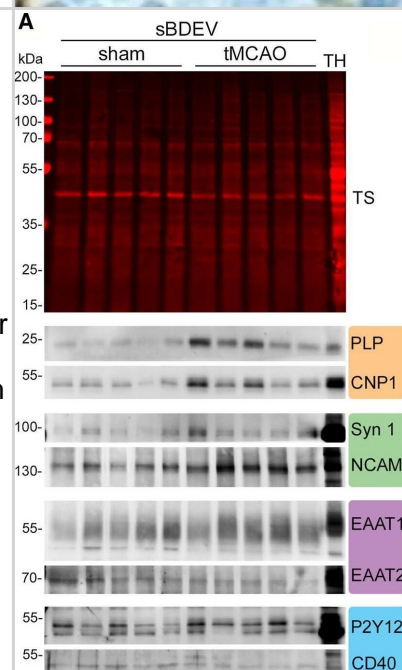


Images

Immunohistochemistry-Paraffin: CD40/TNFRSF5 Antibody [NB100-56127] - FFPE tissue section of human tonsil stained for CD40 expression using this antibody at 1:2000. Staining is seen in the dendritic cells. Hematoxylin-eosin counterstain.



The contribution of oligodendrocytes to the BDEVs pool is significantly upregulated at 72 h after tMCAO. A Western blots of sBDEVs samples from tMCAO and shams (n = 5 per group) blotted for cell-type-specific markers: PLP and CNP1 are used as protein markers for oligodendrocytes (orange frame); synapsin 1 (Syn1) and NCAM as markers for neurons (green); EAAT1 and EAAT2 as protein markers for astrocytes (pink) and P2Y12 and CD40 as markers for microglia/macrophages (blue). TH is a total mouse brain homogenate loaded in parallel for comparison purposes. TS is a representative total protein staining of the nitrocellulose membranes (TSs of all blots used for these analyses are provided in Suppl. Fig. 5). B Dot plots showing the quantifications of the western blot intensities. For the quantification, each band intensity was first referred to the corresponding lanes of the total protein staining. Both markers for oligodendrocytes were found significantly increased upon stroke. Regarding neuronal markers, NCAM was significantly increased while Syn1 only showed a tendency to be elevated. Exact p-values are given in the main text Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/35639208>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Seigel GM, Manohar S, Bai YY et al. An immortalized microglial cell line (Mocha) derived from rat cochlea Mol. Cell. Neurosci. 2017-12-01 [PMID: 29109020] (Western Blot, Mouse)

Gortz GE, Moshkelgosha S, Jesenek C et al. Pathogenic phenotype of adipogenesis and hyaluronan in orbital fibroblasts from female Graves' orbitopathy mouse model. Endocrinology. 2016-08-23 [PMID: 27552248] (WB, Mouse)



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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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