

Product Datasheet

CD45 Antibody (OX-1) [PE]

NB100-64895PE

Unit Size: 0.25 ml

Store at 4C in the dark.

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NB100-64895PE

CD45 Antibody (OX-1) [PE]

Product Information	
Unit Size	0.25 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	OX-1
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	PE
Purity	Protein G purified
Buffer	PBS

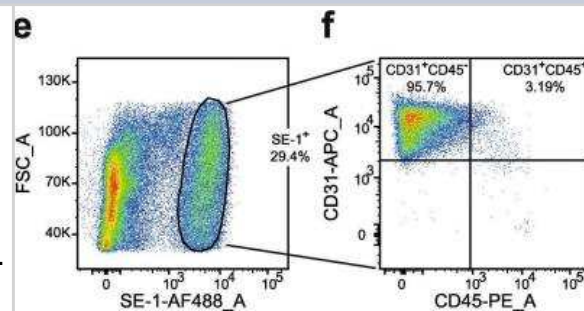
Product Description	
Host	Mouse
Gene ID	5788
Gene Symbol	PTPRC
Species	Rat
Immunogen	This CD45 Antibody (OX-1) was prepared from A 100kD thymocyte glycoprotein fraction enriched for the rat leukocyte common antigen (L-CA).

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Images

Flow Cytometry: CD45 Antibody (OX-1) [PE] [NB100-64895PE] - Representative sequential gating during flow cytometry analysis of rat non-parenchymal liver cells (n = 4). Cells were labeled with antibodies to SE-1 (NB110-68095AF488), CD31, and CD45 (NB100-64895PE). LSECs were then identified as SE-1-Alexa488+ cells (e), and the biexponential CD45-PE/CD31-APC of events (f) were used to display and select the CD45+ CD31+ subsets of LSECs. FMOs (used for gating), and single antibody staining controls are shown in Additional file. Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/33246411/>) licensed under a CC-BY license.



Product Image: CD45 Antibody (OX-1) [PE] [NB100-64895PE] - Vial of PE conjugated antibody. PE has two excitation maxima, 498 nm excited by the Blue laser (488 nm) and 565 nm excited by the Yellow-Green laser (561 nm). Both result in emission at 578 nm.



PE

LASER (nm)	FILTER
Blue (488)	582/15
Y-G (561)	

EXCITATION MAX (nm)	EMISSION MAX (nm)
498	578
565	

Publications

Bhandari, S, Li, R Et al. Transcriptome and proteome profiling reveal complementary scavenger and immune features of rat liver sinusoidal endothelial cells and liver macrophages. BMC Mol Cell Biol 2020-11-27 [PMID: 33246411] (WB, Rat)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-64895PE

NBP1-97005PE	Mouse IgG1 Isotype Control (MG1) [PE]
NB100-64895APC	CD45 Antibody (OX-1) [Allophycocyanin]
NBP2-51591-0.02mg	Recombinant Human CD45 His Protein
210-TA-005	TNF-alpha [Unconjugated]

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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