

# CD44 Monoclonal Antibody (OX-50), FITC

Product Details	
Size	100 µg
Species Reactivity	Rat
Published Species	Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	OX-50
Conjugate	FITC
Excitation/Emission Max	498/517 nm
Immunogen	Rat T cell blasts
Form	Liquid
Concentration	0.1 mg/mL
Purification	Protein A
Storage buffer	PBS with 1% BSA
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. Store in the dark.
RRID	AB_2538384

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Neat-1:10	2 Publications

## Product Specific Information

For FACS analysis, use 10 µL of the suggested working dilution to label 1x10^6 cells in 100 µL.

Flow Cytometry (2)

<p>International journal of molecular medicine</p> <p><b>Preliminary research on the effects and mechanisms of umbilical cordderived mesenchymal stem cells in streptozotocininduced diabetic retinopathy.</b></p> <p>"MA5-16906 was used in Flow Cytometry to investigate the therapeutic effects of mesenchymal stem cell transplantation in diabetic retinopathy in rats."</p> <p>Authors: Zhao K,Liu J,Dong G,Xia H,Wang P,Xiao X,Chen Z</p>	<p><b>Year</b> 2020</p> <p><b>Species</b> Rat</p>
<p>Scientific reports</p> <p><b>Exosomes from Adipose-Derived Stem Cells (ADSCs) Overexpressing miR-21 Promote Vascularization of Endothelial Cells.</b></p> <p>"Published figure using CD44 monoclonal antibody (Product # MA5-16906) in Flow Cytometry"</p> <p>Authors: An Y,Zhao J,Nie F,Qin Z,Xue H,Wang G,Li D</p>	<p><b>Year</b> 2019</p> <p><b>Species</b> Rat</p> <p><b>Dilution</b> 1:500</p>

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