

Human CCR11 Antibody

Monoclonal Mouse IgM Clone # 674144 Catalog Number: MAB6899

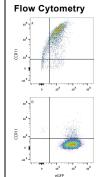
DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human CCR11 in direct ELISAs.
Source	Monoclonal Mouse IgM Clone # 674144
Purification	IgM-specific Affinity-purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human CCR11 Accession # Q9NPB9
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Flow Cytometry	0.25 μg/10 ⁶ cells	See Below
CyTOF-ready	Ready to be labeled u with conjugation.	sing established conjugation methods. No BSA or other carrier proteins that could interfere

DATA



Detection of CCR11 in HEK293 Human Cell Line Transfected with Human CCR11 and eGFP by Flow Cytometry. HEK293 human embryonic kidney cell line transfected with either (A) human CCR11 or (B) irrelevant transfectants and eGFP was stained with Mouse Anti-Human CCR11 Monoclonal Antibody (Catalog # MAB6899) followed by Allophycocyanin-conjugated Anti-Mouse IgM Secondary Antibody (Catalog # F0117). Quadrant markers were set based on control antibody staining . View our protocol for Staining Membrane-associated Proteins.

Reconstitution	Sterile PBS to a final concentration of 0.5 mg/mL.	
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C	
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.	
	 12 months from date of receipt, -20 to -70 °C as supplied. 	
	 1 month, 2 to 8 °C under sterile conditions after reconstitution. 	
	 6 months, -20 to -70 °C under sterile conditions after reconstitution. 	

BACKGROUND

CCR11, also known as CCRL1 and CCX-CKR, is a 45 kDa 7-transmembrane segment protein that is widely expressed on stromal cells. It is a silent receptor that does not induce intracellular calcium signaling, but instead serves as a chemokine scavenger receptor. CCR11 regulates dendritic cell and thymic precursor migration by mediating the clearance of the homeostatic chemokines CCL19, 21, and 25. It is upregulated on some breast cancer cells and on bronchial epithelial cells in pulmonary sarcoidosis. Human CCR11 shares 85% amino acid sequence identity with mouse and rat CCR11.

Rev. 2/7/2018 Page 1 of 1

