

For Research Use Only

CoraLite®594-conjugated CCR6 Monoclonal antibody



Catalog Number:CL594-66801

Basic Information

Catalog Number: CL594-66801	GenBank Accession Number: BC037960	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 1235	CloneNo.: 1C11A9
Source: Mouse	UNIPROT ID: P51684	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Full Name: chemokine (C-C motif) receptor 6	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG24195	Calculated MW: 42 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF : human tonsillitis tissue,
Species Specificity: Human	

Background Information

CCR6, also known CD196, is a C-C chemokine receptor that belongs to family A of G protein-coupled receptor superfamily. It is expressed on most B cells, memory T cells, and some subsets of dendritic cells (PMID: 17057190). CCR6 is a receptor for the C-C type chemokine CCL20 (PMID: 9169459). The ligand-receptor pair CCL20-CCR6 is responsible for the chemoattraction of immature dendritic cells, effector/memory T-cells and B-cells and plays a role at skin and mucosal surfaces under homeostatic and inflammatory conditions, as well as in pathology, including cancer and rheumatoid arthritis (PMID: 12948524). CCR6 polymorphism has been associated with rheumatoid arthritis susceptibility and CCR6 is involved in IL-17-driven autoimmunity in human diseases (PMID: 20453841).

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

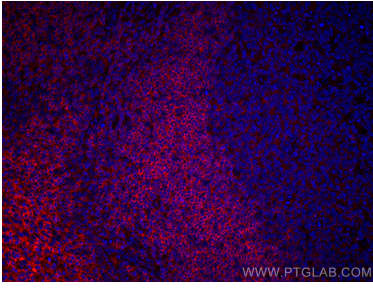
T: 4006900926

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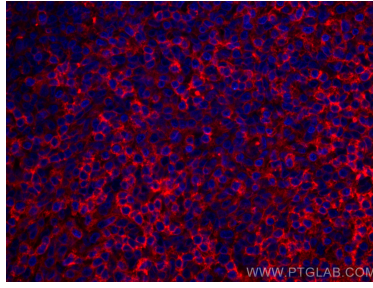
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 CCR6 antibody (CL594-66801, Clone: 1C11A9) at dilution of 1:200.



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