Recombinant Anti-CCL24 Antibody (V3S-0522-YC5925)

Cat. No.: V3S-0522-YC5925

Summary

Description	This product is a monoclonal antibody derived from Mouse (*Mus musculus*), which can specif ically recognize C-C motif chemokine ligand 24. The antibody is expressed with mammalian c ell transient expression system, serum-free and purified by affinity chromatography. The purit y and integrity are tested via SDS-PAGE and SEC-HPLC analysis. Given an antigen, addition al QC measures are also desired such as affinity testing and binding validation. Specifically, the antibody is provided in multiple formats for in vivo and in vitro assays. The *In vivo* version features greater than 95% purity, ultra-low endotoxin levels (<1 EU/mg or 0.1 E U/mg), and is preservative, stabilizer, and carrier protein-free.
Clonality	Monoclonal
Host Species	Mouse
Target Species	Human
Isotype	IgG
Isotype Control	C35500
Secondary Antibody	C47504; C37557; C41360; C32672; C10001; C13172; C32251; C50005

Property

Expression Species	HEK293F or CHO
Conjugation	None
Purity	>95%, determined by SDS-PAGE and/or SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Protein A affinity purified
Sterility	0.2 μM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4^{0}C within a week. For longer storage, aliquot and store at -20^{0}C.

Applications

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Application	FC
Application Notes	The antibody is recommended for detection of CCL24 by FC assay.

Target

Target	CCL24
Alternative Name	Ckb-6; MPIF2; MPIF-2; SCYA24
Gene ID	6369
UniProt	O00175
Introduction	Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. C-C motif chemokine ligand 24 displays chemotactic activity on resting T lymphocytes, a minimal activity on neutrophils, and is negative on monocytes and activated T lymphocytes. The protein is also a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line.
Research Area	Immunology
Related Disease	Fibrotic diseases, autoimmune inflammatory disorders, monocyte related disorders or allergic atopic disorders

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