

ARG65987 anti-TECK antibody [1.2_4G1-1G4-1C9]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [1.2_4G1-1G4-1C9] recognizes TECK
Tested Reactivity	Hu
Tested Application	ELISA, IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	1.2_4G1-1G4-1C9
Isotype	IgG1, kappa
Target Name	TECK
Species	Human
Immunogen	E. coli derived recombinant Human TECK. (QGVFEDCCLA YHYPIGWAVL RRAWTYRIQE VSGSCNLPAA IFYLPKRHRK VCGNPKSREV QRAMKLLDAR NKVFAKLHHN MQTFQAGPHA VKKLSSGNSK LSSSKFSNPI SSSRKNVSL ISANSGL)
Conjugation	Un-conjugated
Alternate Names	Chemokine TECK; Ckb15; SCYA25; Thymus-expressed chemokine; Small-inducible cytokine A25; TECK; C-C motif chemokine 25

Application Instructions

Application table	Application	Dilution
	ELISA	Sandwich: 1.0 - 2.0 µg/ml with ARG66050 as a detection antibody
	IHC-P	2.5 µg/ml
	WB	0.25 - 0.50 µg/ml
Application Note	IHC-P: Antigen Retrieval: Incubate tissue section in a buffer (proteinase K) at RT for 10 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

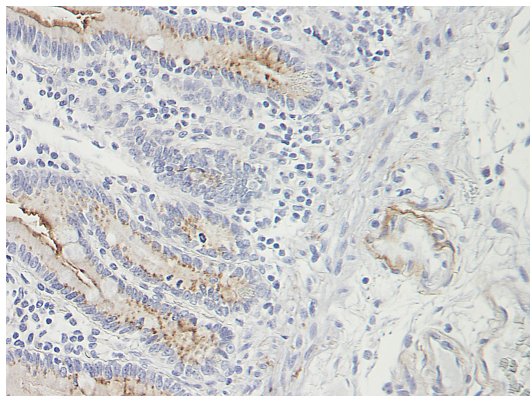
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

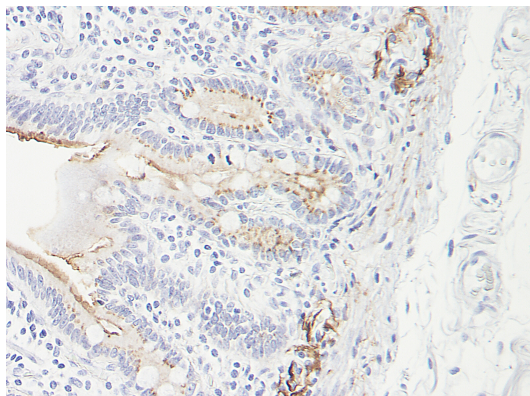
Database links	GeneID: 6370 Human Swiss-port # O15444 Human
Gene Symbol	CCL25
Gene Full Name	chemokine (C-C motif) ligand 25
Background	This antimicrobial gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for dendritic cells, thymocytes, and activated macrophages but is inactive on peripheral blood lymphocytes and neutrophils. The product of this gene binds to chemokine receptor CCR9. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]
Function	Potentially involved in T-cell development. Recombinant protein shows chemotactic activity on thymocytes, macrophages, THP-1 cells, and dendritic cells but is inactive on peripheral blood lymphocytes and neutrophils. Binds to CCR9. Isoform 2 is an antagonist of isoform 1. Binds to atypical chemokine receptor ACKR4 and mediates the recruitment of beta-arrestin (ARRB1/2) to ACKR4. [UniProt]
Calculated Mw	17 kDa

Images



ARG65987 anti-TECK antibody [1.2_4G1-1G4-1C9] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded sections of Human normal small bowel. The recommended ARG65987 anti-TECK antibody [1.2_4G1-1G4-1C9] concentration is 2.5 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Antigen Retrieval: Incubate tissue section in a buffer (proteinase K) at RT for 10 min.



ARG65987 anti-TECK antibody [1.2_4G1-1G4-1C9] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded sections of Human normal small bowel. The recommended ARG65987 anti-TECK antibody [1.2_4G1-1G4-1C9] concentration is 2.5 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Antigen Retrieval: Incubate tissue section in a buffer (proteinase K) at RT for 10 min.