



Rabbit Anti-Human CCL14 monoclonal antibody, clone S118 (CABT-ZB522)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human CCL14
Target	CCL14
Immunogen	Recombinant Human CCL14 Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S118
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) This antibody will detect CCL14 in antibody pair set. [ABPR-ZB098]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human CCL14.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL
Buffer	PBS

Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	CCL14 has an important biological role in other mammals by evolving under positive selection that has been lost in Ochotonidae (subgenera Pika and Lagotona). CC chemokine ligand 14, CCL14, is a human CC chemokine that is of recent interest because of its natural ability, upon proteolytic processing of the first eight NH ₂ -terminal residues, to bind to and signal through the human immunodeficiency virus type-1 (HIV-1) co-receptor, CC chemokine receptor 5 (CCR5). Embryo implantation is a complex process involving blastocyst attachment to the endometrial epithelium and subsequent trophoblast invasion of the decidua. We have previously shown that the chemokines CX3CL1 and CCL14 are abundant in endometrial vasculature, epithelial, and decidual cells at this time, and that their receptors, CX3CR1 and CCR1, are present on invading human trophoblasts. CX3CL1 and CCL14 promote trophoblast migration.
Keywords	CCL14; chemokine (C-C motif) ligand 14; SCYA14, small inducible cytokine subfamily A (Cys Cys), member 14; C-C motif chemokine 14

GENE INFORMATION

Synonyms	CCL14; chemokine (C-C motif) ligand 14; SCYA14, small inducible cytokine subfamily A (Cys Cys), member 14; C-C motif chemokine 14; CKb1; HCC 1; HCC 3; MCIF; NCC 2; SCYL2
Entrez Gene ID	6358
UniProt ID	Q16627