



Rabbit Anti-Human CCL18 Monoclonal Antibody, clone 127 (CABT-Z729R)

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

PRODUCT INFORMATION

Immunogen	Recombinant Human CCL18 / PARC / MIP-4 Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	127
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA Recommended dilution: ELISA: 1:5000-1:10000
Format	Liquid
Concentration	Lot specific
Size	50 µl
Buffer	0.2 µm filtered solution in PBS
Preservative	None
Storage	Store 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.

BACKGROUND

Introduction

CCL18 is a chemotactic cytokine involved in the pathogenesis and progression of various disorders, including cancer. Proof showed high levels of CCL18 in the serum of epithelial ovarian carcinoma patients suggesting its potential as a circulating biomarker. CCL18 chemokine has an important role in chemokine-mediated tumor metastasis, and may serve as a potential predictor for poor survival outcomes for ovarian cancer. (CCL18) is predominantly secreted by M2-tumor associated macrophages (TAMs) and promotes malignant behaviors of various human cancer types. CCL18 has a correlation with cardiac function in patients with AAMI and it might be considered as an indicator of poor LVEF in patients with AAMI. Circulating and WAT-secreted CCL18 correlates with insulin resistance and metabolic risk score. Because CCL18 is macrophage-specific and associates with adipose immune gene expression, it may constitute a marker of WAT inflammation. Macrophages are thought to be the main source of CCL18, and the effect of pirfenidone, an anti-fibrotic agent for idiopathic pulmonary fibrosis, on the expression of CCL18 in macrophages warrants investigation.

Keywords

CCL18;chemokine (C-C motif) ligand29(pulmonary and activation-regulated);SCYA18, small inducible cytokine subfamily A (Cys Cys), member 18, pulmonary and activation regulated;C-C motif chemokine 18;AMAC 1;CKb7

GENE INFORMATION

Gene Name	CCL18
Entrez Gene ID	6362
UniProt ID	P55774