Datasheet for ABIN2661373

anti-CCR3 antibody (FITC)

2 Images

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Overview

Quantity:	100 µg
Target:	CCR3
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CCR3 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

Product Details

Clone:	J073E5
Isotype:	IgG2a kappa
Purification:	The antibody was purified by affinity chromatography and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC and unconjugated antibody.

Target Details

Target:	CCR3
Alternative Name:	CD193 (CCR3 Products)
Background:	CD193, also known as CC-chemokine receptor 3 (CCR3), CC CKR3, MIP1-α receptor like-2, and eotaxin receptor, is a member of the G protein-coupled, seven transmembrane receptor family. It binds to the CC chemokines eotaxin, eotaxin-2, and eotaxin-3 with high affinity. CD193 has also been reported to bind RANTES, MCP-3, and MCP-4 with low affinity. CD193 is expressed

Target Details

on mouse eosinophils, basophils, mast cells, mononuclear phagocytes, platelets, hematopoietic progenitor cells, and keratinocytes. It is thought to play a role in allergic diseases such as bronchial asthma and allergic rhinitis. CD193 also function as a co-receptor for HIV-1 and HIV-2, and the binding of eotaxin with CD193 has been shown to inhibit HIV infection in some cell types.

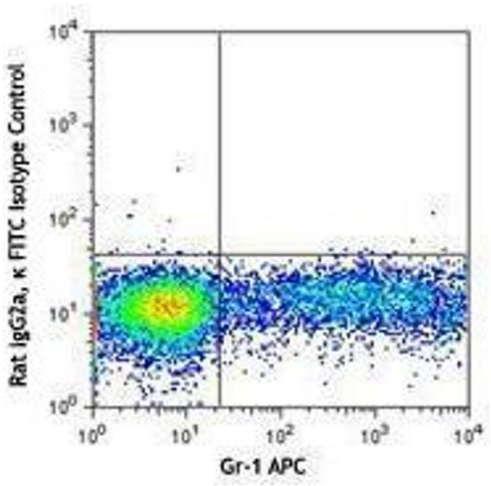
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

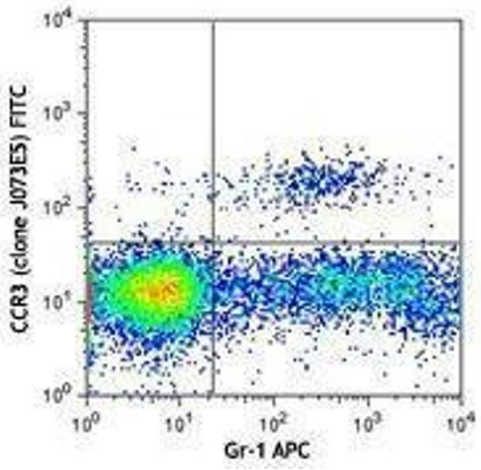
Concentration:	0.5 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.



Flow Cytometry

Image 2.