

Mouse CX3CL1/Fractalkine PE-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 126315 Catalog Number: FAB571P

25 Tests

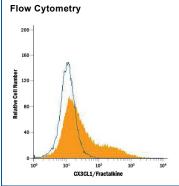
DESCRIPTION			
Species Reactivity	Mouse		
Specificity	Detects mouse CX3CL1/Fractalkine in Western blots. In direct ELISAs, this antibody shows 100% cross-reactivity with the chemokine domai of recombinant human (rh) CX3CL1, 13% cross-reactivity with rhCX3CL1 (full length), and 50% cross-reactivity with recombinant rat CX3CL1		
Source	Monoclonal Rat IgG _{2A} Clone # 126315		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse CX3CL1/Fractalkine, S. frugiperda insect ovarian cell line Sf 21-derived recombinant mouse CX3CL1/Fractalkine, and E. coli-derived recombinant mouse CX3CL1/Fractalkine		
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 nm		
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.		
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Shee (SDS) for additional information and handling instructions.		

APPLICATIONS

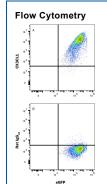
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

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	Recommended Concentration	Sample	
Flow Cytometry	10 μL/10 ⁶ cells	See Below	

DATA



Detection of CX3CL1/Fractalkine in bEnd.3 Mouse Cell Line by Flow Cytometry. bEnd.3 mouse endothelioma cell line was stained with Rat Anti-Mouse CX3CL1/Fractalkine PEconjugated Monoclonal Antibody (Catalog # FAB571P, filled histogram) or isotype control antibody (Catalog # Catalog # IC006P, open histogram). View our protocol for Staining Membrane-associated Proteins.



Detection of CX3CL1/Fractalkine in HEK293 cells transfected with mouse CX3CL1 and eGFP cells by Flow Cytometry. HEK293 cells transfected with mouse CX3CL1 and eGFP was stained with eGFP and either (A) Rat Anti-Mouse CX3CL1/Fractalkine PE-conjugated Monoclonal Antibody (Catalog # FAB571P) or (B) Rat IgG2A Phycoerythrin Isotype Control (Catalog # IC006P). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage

Protect from light. Do not freeze.

• 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

CX3CL1, also known as Fractalkine, is a type I transmembrane protein in which a chemokine domain possessing a unique C-X3-C cysteine motif is tethered on a long mucin-like stalk. Although membrane-bound, it can also be released as a soluble molecule upon proteolysis at a membrane proximal site.

Rev. 12/16/2022 Page 1 of 1

