

Human CX3CL1/Fractalkine Alexa Fluor® 594-conjugated Antibody

Recombinant Monoclonal Mouse IgG₁ Clone # 81506R

Catalog Number: IC3652RT

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CX3CL1/Fractalkine in direct ELISAs.
Source	Recombinant Monoclonal Mouse IgG ₁ Clone # 81506R
Purification	Protein A or G purified from cell culture supernatant
Immunogen	NS0-derived and <i>E. coli</i> -derived Recombinant human CX3CL1/Fractalkine Gln25-Arg339 Accession # P78423
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (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.

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	0.25-1 µg/10 ⁶ cells	NS0 Cell Line Transfected with Human CX3CL1/Fractalkine fixed with paraformaldehyde and permeabilized with saponin

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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

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

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