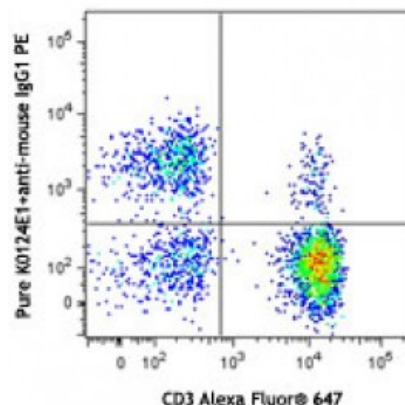


**Purified anti-human CX3CR1**

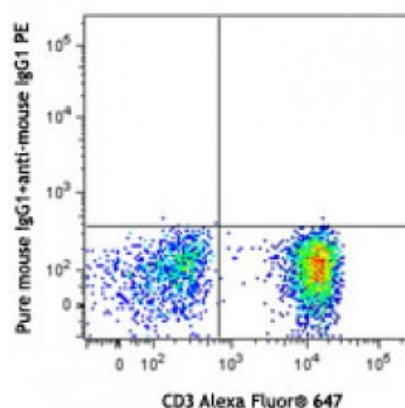
<b>Catalog # / Size:</b>	2378505 / 25 µg 2378510 / 100 µg
<b>Clone:</b>	K0124E1
<b>Isotype:</b>	Mouse IgG1, κ
<b>Immunogen:</b>	DNA vaccine with the full coding sequence of human GPCR cloned in expression vector.
<b>Reactivity:</b>	Human
<b>Preparation:</b>	The antibody was purified by affinity chromatography.
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
<b>Concentration:</b>	0.5



Human peripheral blood lymphocytes were stained with CD3 (clone HIT3a) Alexa Fluor® 647 and purified anti-human CX3CR1 (clone K0124E1, top) or mouse IgG1, κ isotype control (bottom), followed by anti-mouse IgG1 PE.

**Applications:**

<b>Applications:</b>	Flow Cytometry
<b>Recommended Usage:</b>	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0$ microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.



<b>Description:</b>	CX3CR1 is a G-protein-coupled seven-transmembrane chemokine receptor, also known as GPR13 or V28. It is expressed on NK cells, T cell subset, monocytes/macrophages, dendritic cells, and some malignant epithelial cells. CX3CL1 (known as fractalkine, neurotactin) is the ligand of CX3CR1. CX3CL1 is a unique transmembrane molecule with a CX3C-motif chemokine domain and a mucin-like stalk. CX3CL1 is expressed by activated-endothelial cells, neurons, and astrocytes. The interaction of CX3CR1 and its ligand mediates cell firm adhesion and migration.
<b>Antigen</b>	1. Imai T, <i>et al.</i> 1997. <i>Cell</i> . 91:521.
<b>References:</b>	2. Fong AM, <i>et al.</i> 1998. <i>J. Exp. Med.</i> 188:1413. 3. Auffray C, <i>et al.</i> 2009. <i>J. Exp. Med.</i> 206:595.