

# APC/Fire™ 750 anti-human XCR1

**Catalog # /** 2463035 / 25 tests  
**Size:** 2463040 / 100 tests

**Clone:** S15046E

**Isotype:** Rat IgG2a, κ

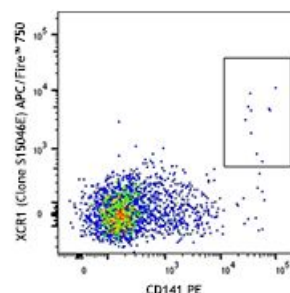
**Immunogen:** Human XCR1-transfected cells.

**Reactivity:** Human

**Preparation:** The antibody was purified by affinity chromatography and conjugated with APC/Fire™ 750 under optimal conditions.

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

**Concentration:** Lot-specific

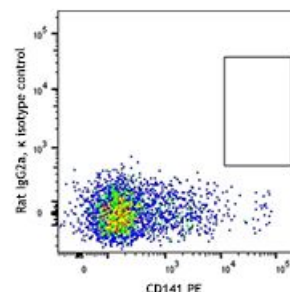


Human peripheral blood cells incubated with True-Stain Monocyte Blocker™ and then stained with FITC anti-human Lineage Cocktail, CD141 PE and XCR1 (clone S15046E) APC/Fire™ 750 (top) or rat IgG2a, κ APC/Fire™ 750 isotype control (bottom).

## Applications:

**Applications:** Flow Cytometry

**Recommended Usage:** 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 5 µl per million cells in 100 µl staining volume or 5 µl per 100 µl of whole blood.  
 \* APC/Fire™ 750 has a maximum excitation of 650 nm and a maximum emission of 787 nm.



**Description:** XCR1, also known as GPR5 or CCXCR1, is a 38 kD G-protein coupled, seven transmembrane receptor. It is the only member of the "C" chemokine receptor family and mediates chemotaxis of XCL1 and XCL2 (lymphotactin-1 and -2). XCR1 is expressed on a subset of CD141<sup>+</sup> conventional dendritic cells. XCR1 is also involved in the migration and proliferation of some cancer cells.

**Antigen References:**

1. Carpentier S, et al. 2016. *J. Immunol. Methods* 432:35.
2. Hartung E, et al. 2015. *J. Immunol.* 194:1069.
3. Wang T, et al. 2015. *Biochem. Biophys. Res. Commun.* 464:635.
4. Crozat K, et al. 2011. *J. Immunol.* 187:4411.