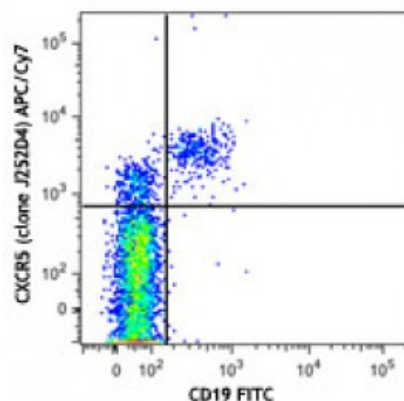


**APC/Cy7 anti-human CD185 (CXCR5)**

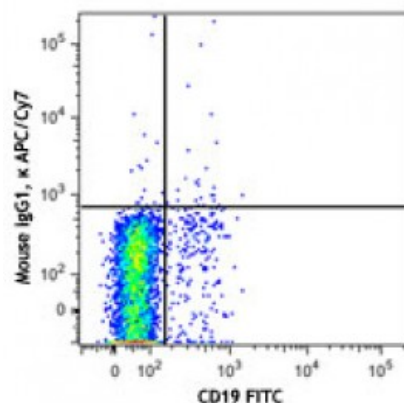
<b>Catalog # / Size:</b>	2384625 / 25 tests 2384630 / 100 tests
<b>Clone:</b>	J252D4
<b>Isotype:</b>	Mouse IgG1, $\kappa$
<b>Immunogen:</b>	Human CXCR5-transfected cells
<b>Reactivity:</b>	Human
<b>Preparation:</b>	The antibody was purified by affinity chromatography and conjugated with APC/Cy7 under optimal conditions. The solution is free of unconjugated APC/Cy7 and unconjugated antibody.
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).
<b>Concentration:</b>	Lot-specific



Human peripheral blood lymphocytes were stained with CD19 FITC and CXCR5 (clone J252D4) APC/Cy7 (top) or mouse IgG1,  $\kappa$  APC/Cy7 isotype control (bottom).

**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 5 microL per million cells or 5 microL per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.



**Description:** CD185, also known as CXCR5, is a 42 kD G-protein coupled receptor with seven transmembrane regions. CXCR5 is expressed by mature B cells, follicular helper T cells, Burkitt's lymphoma cells and a subset of neurons, and mediates cell migration to the B cell follicles in the secondary lymphoid organs. The ligand of CXCR5 is CXCL13 (BLC).

<b>Antigen</b>	1. Ma CS, <i>et al.</i> 2012. <i>J. Exp. Med.</i> 209:1241.
<b>References:</b>	2. León B, <i>et al.</i> 2012. <i>Nat. Immunol.</i> 13:681.
	3. Crotty S. 2011. <i>Annu. Rev. Immunol.</i> 29:621.
	4. Kerfoot SM, <i>et al.</i> 2011. <i>Im</i>