

iFluor™ 560 Anti-human CD172 Antibody *B4B6*

Catalog number: 117210A0, 117210A1 Unit size: 100 tests, 500 tests

Storage Conditions 2-8°C with minimized light exposure. Do not freeze. Expiration Date 12 months upon receiving Concentration 0.1 mg/mL Formulation Phosphate-buffered saline (PBS, pH 7.2), 0.09% sodium azide, 0.2% (w/v) BSA Antibody Properties Species Reactivity Human Closality Koncolonal Monoclonal Host Mouse Isotype Mouse IgG1 Immunogen CD172b (SIRPb) Clone B4B6 Conjugate IFluor** 560 Biological Properties Forward on the conjugated with iFluor** 560 under optimal conditions Application Flow Cytometry (FACS), Fluorescence Imaging Spectral Properties IFluor** 560 Excitation Wavelength 560 nm Excitation Wavelength 560 nm	Product Details	
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Spectral Properties Conjugate iFluor™ 560 Excitation Wavelength 560 nm	Preparation	Antibody purified by affinity chromatography and then conjugated with iFluor™ 560 under optimal conditions
ConjugateiFluor™ 560Excitation Wavelength560 nm	Application	Flow Cytometry (FACS), Fluorescence Imaging
Excitation Wavelength 560 nm	Spectral Properties	
	Conjugate	iFluor™ 560
Emission Wavelength 571 nm	Excitation Wavelength	560 nm
	Emission Wavelength	571 nm

The B4B6 monoclonal antibody binds to human CD172b, a 43 kD transmembrane protein often located on the surface of dendritic cells, myeloid cells and monocytes. CD172 is associated with a variety of biologically interesting macromolecules/ligands, in particular, TYROBP. CD172 is a relatively rare antibody target, with fewer than 100 publications in the last decade. Even still, CD172b has a variety of applications in immunology research, frequently serving as a phenotypic marker for differentiating cell types in flow cytometric applications. This antibody was purified through affinity chromatography and conjugated to iFluor™ 560 (ex/em = 560/571 nm). It is compatible with the 561 nm laser and

577/15 nm bandpass filter (for example, as in the Bio-Rad ZE5 Cell Analyzer).