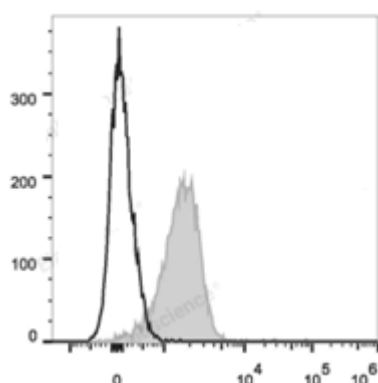


MAB1180UH PE/Cyanine7 Anti-Mouse CD31 Antibody[390]

Size:	100 ug
Clone No.	390
Form:	Liquid
Reactivity	Mouse
Host:	Rat
Isotype:	Rat IgG2a, κ
Isotype Control:	PE/Cyanine7 Rat IgG2a, κ Isotype Control[2A3]
Application:	Flow Cytometry
Alternate Names:	Pecam-1;CD31;PECAM-1;Pecam
Conjugation:	PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm (e.g., a 780/60 nm bandpass filter).
Concentration:	PE/Cyanine7: 0.2 mg/ml
Background:	CD31 is a 130-140 kD glycoprotein, also known as platelet endothelial cell adhesion molecule (PECAM-1) and EndoCAM. It is a member of the Ig superfamily, expressed on endothelial cells, platelets, granulocytes, monocytes/macrophages, dendritic cells, and T and B cell subsets, and is critical for cell-cell interactions. The primary ligands for CD31 have been reported to be CD38 and the vitronectin receptor (αv β3 integrin, CD51/CD61). Other reported functions of CD31 are neutrophil emigration to sites of inflammation and angiogenesis.
Working Dilutions	PE-Cyanine7: 0.1-1 µg/10 ⁶ cells in 100 µL volume.
Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Storage:	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.



C57BL/6 murine splenocytes are stained with PE/Cyanine7 Anti-Mouse CD31 Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

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