![DEVELOP logo]

Manufacturer/Supplier:

WUXI DONGLIN SCI&TECH DEVELOPMENT CO., LTD

Address: A1-203 Mingpin CityII,No.8 Xihudong Road.Liangxi District

Wuxi Jiangsu Province, China

TELE：86-510-82732223   FAX：86-510-82720101-8014

Web : www.dldevelop.com

Email: info@dldevelop.com.cn   service@dldevelop.com.cn

Product name:	Anti-Mouse CD31 Monoclonal Antibody(PE Conjugated)
Catalog:	DL21977F
Synonyms:	Pecam, Pecam-1,PECAM-1,CD31
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.

Form: Liquid　　　　　　　**Isotype:** Rat IgG2a, κ

Size:　　　　　　　　　　**Host:** Rat
50Tests/100Tests/100Tests×2
Reactivity: Mouse　　　　　**Application:** FCM

Concentration: 5 μL　　　　**Conjugation:** PE
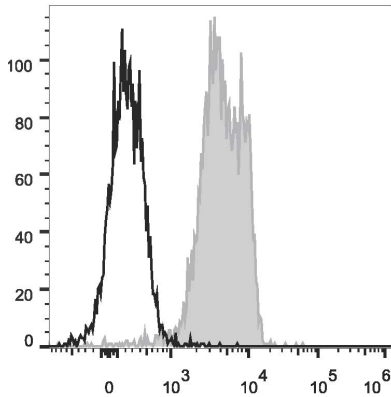
SwissProt: 　　　Q08481

Buffer: 　　　Phosphate buffered solution, pH 7.2, containing
　　　　　　　0.09% stabilizer and 1% protein protectant.

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data:

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

Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.