

CD31 / PECAM1 Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 10148-MM13

GENERAL INFORMATION

Immunogen:	10148-H08H
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CD31 / PECAM1 extracellular domain (rhCD31; Catalog#10148-H08H; Met 1-Lys 601; EAW94208.1). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	13
Specificity:	Human CD31 / PECAM1
	No cross-reactivity in ELISA with Human CD54 Human CD62 Human CD106 Human cell lysate (293 cell line)
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Alternative Names:	CD31

APPLICATIONS

Applications: FCM, ICC/IF

RECOMMENDED CONCENTRATION

ICC/IF	ICC/IF: 1:20-1:100
Flow Cytometry	FCM: 1:25-1:100

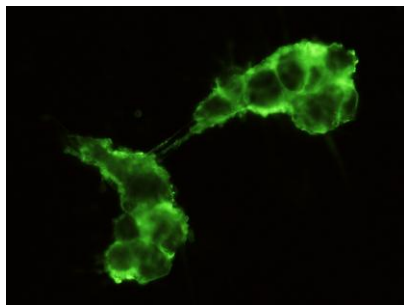
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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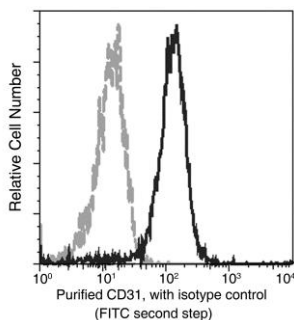
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Immunofluorescence staining of Human CD31 in HUVEC cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with Mouse anti-Human CD31 monoclonal antibody (1:60) at 37°C 1 hour. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-mouse IgG secondary antibody. Positive staining was localized to cell membrane.



Flow cytometric analysis of anti-human CD31 on human whole blood monocytes. The fluorescence histograms were derived from events with the forward and side light-scatter characteristics of viable monocytes.

Flow cytometry was performed on a BD FACSCalibur flow cytometry system. Please refer to www.sinobiological.com/Flow-Cytometry-FACS-Protocols-a-750.html for technical protocols.