Recombinant CD31/PECAM-1 Monoclonal Antibody

catalog number: AN300303P

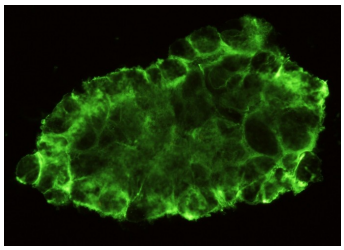
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human CD31/PECAM-1 Protein
Host	Rabbit
Isotype	IgG
Clone	B225
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
ICC/IF	1:20-1:100

Data



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

Preparation & Storage

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. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

CD31 is a 130-140 kD type I transmembrane glycoprotein also known as platelet endothelial cell adhesion molecule-1 (PECAM-1) or Endocam. It is expressed on monocytes, platelets, granulocytes, endothelial cells and lymphocyte subsets. CD31 has been reported to bind CD38 and be involved in wound healing, angiogenesis, and cellular migration in an inflammatory situation.

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