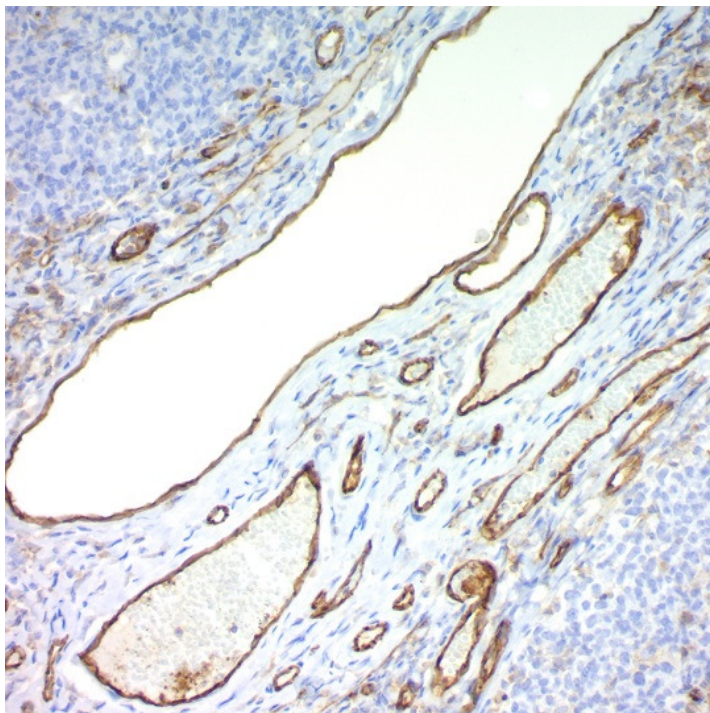


Product name:	CD31 / PECAM-1 (Endothelial Cell Marker) Mouse Monoclonal Antibody
Cat number:	MAB-94774
Conjugate:	Unconjugated
Size:	250 ul
Clone:	JC/70A
Concentration:	250ug/ml
Host:	Mouse
Isotype:	IgG1, Kappa
Immunogen:	Membrane preparation of a spleen from a patient with hairy cell leukemia.
Reactivity:	Human
Applications:	Immunohistochemistry (Frozen and Formalin-fixed): 1:500-1:1000 Flow Cytometry: 1-2µg/million cells Immunofluorescence: 1:500-1:1000 Western Blotting: 1:500-1:1000 Immunoprecipitation: 1:500-1:1000 protein lysate
Molecular Weight:	~100kDa (endothelium) and ~130kDa (platelets)
Form:	Liquid
Buffer:	250µg/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide.
Storage:	Store at 2~8°C, Avoid freeze / thaw cycles
Background:	CD31 (PECAM-1) is a transmembrane glycoprotein member of the immunoglobulin supergene family of adhesion molecules. CD31 is expressed by stem cells of the hematopoietic system and is primarily used to identify and concentrate these cells for experimental studies as well as for bone marrow transplantation. The level of CD31 expression can help to determine the degree of tumor angiogenesis, and a high level of CD31 expression may imply a rapidly growing tumor and potentially be a predictor of tumor recurrence.



Formalin-fixed, paraffin-embedded tonsil stained with CD31; Clone JC/70A.