

PECAM1

Mouse Anti-Human PECAM1 Clone EN4 mAb

Catalog No.	MON6002-1	Quantity:	1 ml
Description:	The antibody is useful for immunohistological staining of endothelia in frozen sections. Lymphatic endothelium is stained (unlike the PAL-E antibody). Kaposi's sarcoma and other vascular tumors of endothelial cell origin are also stained.		
Gene ID:	5175		
Specificity:	This antibody stains all human blood vessels including brain microvessels. Both large and small vessels are equally reactive. The EN4 antigen is preserved in endothelial cells in culture unlike the PAL-E antigen which is lost. It stains strongly murine fibroblasts transfected with the human CD31 gene. On surface-iodinated Jurkat T cells it recognizes the 130 kD CD31 antigen.		
Host:	Mouse		
Immunoglobulin Type:	IgG ₁		
Clone:	EN4		
Formulation:	1 ml (100 µg/ml) 0.2 µm filtered antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Reconstitution:	The antibody works well on acetone fixed or unfixed cryostat sections, and periodate/lysine/paraformaldehyde-fixed sections, in which membrane antigens and the structures of vessels and adjacent tissues are optimally preserved. It is also usable in cellcultures and FACS. Dilution of 1:20 is recommended. Optimal dilution should be tested by serial dilution.		
Storage & Stability:	Store antibody at 2-8°C until expiration date.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.