

Product datasheet

anti-CD31 (PECAM-1) mouse monoclonal, FS12, purified

Short overview

Cat. No.	691575
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	FS12
Immunogen	Stimulated human leucocytes
Formulation	PBS with 0.02% sodium azide
UniprotID	P16284 (Human)
Synonym	Platelet endothelial cell adhesion molecule, PECAM-1, EndoCAM, GPIIA', PECA1, CD antigen CD31, PECAM1
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC
Reactivity	Human

Applications

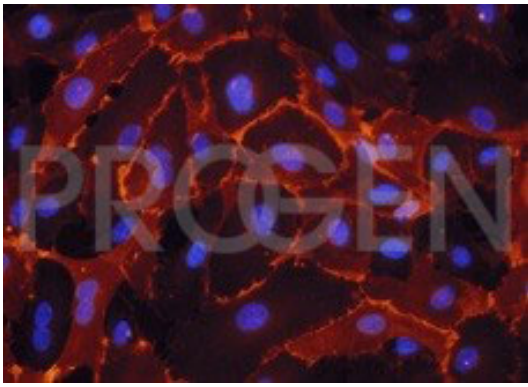
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

FS12 reacts with CD31 (PECAM-1), a 130-140 kDa member of the immunoglobulin gene superfamily that is expressed on cells of the vasculature, including platelets, endothelial cells, myeloid cells and certain lymphocyte subsets.

Positive control: human PBL or tonsil.

Product images



Human umbilical vein endothelial cells (HUVEC)