CD31 Monoclonal Antibody

catalog number: **E-AB-70173**

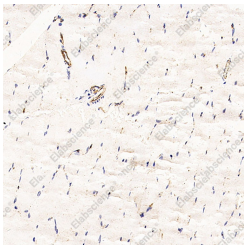
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse CD31
Host	Mouse
Isotype	Mouse IgG
Clone	9A9A4
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
IHC	1:200-1:500

Data



Immunohistochemistry analysis of paraffin-embedded Rat skeletal muscle using CD31 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Platelet endothelial cell adhesion molecule-1 (PECAM-1,CD31) is a member of the immunoglobulin gene superfamily of cell adhesion molecules. It is highly expressed on the surface of the endothelium,making up a large portion of its intracellular junctions. PECAM-1 is also present on the surface of hematopoietic cells and immune cells including platelets,monocytes,neutrophils,natural killer cells,megakaryocytes and some types of T-cell . As well as its role in cel l-cell adhesion,PECAM-1 functions as a signaling receptor,and is involved in important physiological events such as nitric oxide production,regulation of T-cell immunity and tolerance,leukocyte transendothelial migration and inflammation and angiogenesis .

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com