

## Human CD31

Mouse monoclonal antibody to Human CD31

Catalog Number **SM1741**

- Specificity:** This antibody recognises the human CD31 cell surface antigen, a 140kD glycoprotein also known as PECAM-1. CD31 is expressed by platelets, monocytes, granulocytes, B cells and endothelial cells.
- Immunogen:** Recombinant human CD31.
- Host:** Mouse
- Clone Name:** 1A10
- Isotype:** IgG1
- Uses and Dilutions:** Immunohistochemistry on paraffin embedded sections: 1/50 - 1/100. Not suitable on frozen sections. This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium Citrate buffer pH6.0 is recommended for this purpose. Recommended positive control tissue: Tonsil. Other applications not tested. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
- Form:** 1.0 ml of lyophilised Tissue Culture Supernatant with 15mM sodium azide as preservative. Reconstitute with 1 ml distilled water.
- Storage:** Prior to reconstitution store at 4 degrees Celcius. Following reconstitution store at 4 degrees Celcius or at -20 degrees Celcius if preferred. Avoid repeated freezing and thawing. Shelf life: one year from dispatch.
- Limitations:** This product is for research use only and is not approved for use in humans or in clinical diagnosis.

## Image(s)

