



## Peninsula Laboratories, LLC

A Member of the Bachem Group

305 Old County Road, San Carlos, CA 94070

Tel: (800) 922-1516 • (650) 592-5392

Fax: (650) 595-4071

www.bachem.com

---

### Monoclonal Antibody To Human CD31 PECAM

Monoclonal antibody MEM-05 recognizes the human CD31 antigen, platelet/endothelial cell adhesion molecule 1. The antigen is found on cells lining and within the vasculature, and plays a role in the adhesive interaction between adjacent endothelial cells as well as between leukocytes and endothelial cells.

---

|                               |  |
|-------------------------------|--|
| <b>Product Number:</b>        | T-1045   |
| <b>Clone:</b>                 | MEM-05   |
| <b>Host species, isotype:</b> | Mouse IgG1   |
| <b>Quantity:</b>              | 200µg  |
| <b>Format:</b>                | Diluted ascites, lyophilized<br><br>Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 10mg/ml bovine serum albumin (BSA) as a stabilizer and 0.1% sodium azide as a preservative.   |
| <b>Stability:</b>             | Original vial: 1 year at 4° - 8°C<br><br>Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.   |
| <b>Applications:</b>          | Tested for immunohistochemistry (IHC); has been described to work in FACS.<br><br><b>Approximate working dilution for IHC:</b><br>Frozen sections: 1-2µg/ml (1:200 - 1:400)<br>Paraffin sections: 8µg/ml (1:50) Proteinase K pretreatment for antigen retrieval is recommended.<br><br>Optimal dilutions should be determined by the end user.<br><br>Suggested positive control: Human placenta. <b>Antigen, epitope:</b><br>The antigen is CD31, the epitope has not been further characterized. |

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.