

**CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET**

|                       |  |                      |           |
|-----------------------|--|----------------------|-----------|
| <b>Product name</b>   | PECAM-1, Human, clone BV8                |                      |           |
| <b>Catalog number</b> | HM2039-20UG                              |                      |           |
| <b>Lot number</b>     | -  | <b>Expiry date</b>   | -         |
| <b>Volume</b>         | 200 µl                                   | <b>Amount</b>        | 20 µg     |
| <b>Formulation</b>    | 0.2 µm filtered in PBS+0.1%BSA+0.02%NaN3 | <b>Concentration</b> | 100 µg/ml |
| <b>Host Species</b>   | Mouse IgG1                               | <b>Conjugate</b>     | None      |
| <b>Endotoxin</b>      | N.A.                                     | <b>Purification</b>  | Protein G |
| <b>Storage</b>        | 4°C                                      |                      |           |

**Application notes**

|             | IHC-F | IHC-P | IF | FC | FS | IA | IP | W |
|-------------|-------|-------|----|----|----|----|----|---|
| Reference # |       |       |    |    |    |    |    |   |
| Yes         |       |       |    | •  |    | •  | •  |   |
| No          |       |       |    |    |    |    |    |   |
| N.D.        | •     | •     | •  |    | •  |    |    | • |

*N.D.= Not Determined; IHC = Immuno histochemistry; F = Frozen sections; P = Paraffin sections; IF = Immuno Fluorescence; FC = Flow Cytometry; FS = Functional Studies; IA = Immuno Assays; IP = Immuno Precipitation; W = Western blot*

Dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10.

**General Information**

|                              |  |
|------------------------------|--|
| <b>Description</b>           | This monoclonal antibody binds to human PECAM-1 (platelet endothelial cell adhesion molecule-1; CD31) a specific component of endothelial cell junctions. PECAM-1 is also expressed in platelets and leukocytes.   |
| <b>Aliases</b>               | CD31   |
| <b>References</b>            | 1. Rival, Y et al; Inhibition of platelet endothelial cell adhesion molecule-1 synthesis and leukocyte transmigration in endothelial cells by the combined action of TNF-alpha and IFN-gamma. J Immunol 1996, 157: 1233  |
| <b>Storage&amp;stability</b> | Product should be stored at 4°C. Under recommended storage conditions, product is stable for at least one year.  |
| <b>Precautions</b>           | For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result from the use or derivation of this product. |

We hereby certify that the above-stated information is correct and that this product has been successfully tested by the Quality Control Department. This product was released for sale according to the existing specifications. This document has been produced electronically and is valid without a signature.

Approved by Manager of QC  
Brenda Teunissen

Date  
16/11/2020

Do you have any questions or comments regarding this product? Please contact us via [support@hycultbiotech.com](mailto:support@hycultbiotech.com).