

## Monoclonal Antibody to CD139 - Purified

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|--------------------------------------|---|
| <b>Catalog No.:</b>                  | AM01049PU-N   |
| <b>Quantity:</b>                     | 0.2 mg  |
| <b>Concentration:</b>                | 1.0 mg/ml   |
| <b>Background:</b>                   | CD139 is found on peripheral blood B cells, monocytes and granulocytes, and is weakly expressed on erythrocytes. It is also expressed on the smooth muscle of some blood vessels. Its function is not known.  |
| <b>Host / Isotype:</b>               | Mouse / IgG1  |
| <b>Recommended Isotype Controls:</b> | SM10P (for use in human samples), AM03095PU-N   |
| <b>Clone:</b>                        | Bu30  |
| <b>Format:</b>                       | <b>State:</b> Liquid purified IgG<br><b>Purification:</b> Affinity chromatography on Protein G<br><b>Buffer System:</b> PBS, pH 7.4, containing 0.09% Sodium Azide  |
| <b>Applications:</b>                 | Immunohistochemistry on frozen sections.<br>Immunoprecipitation.<br>Flow cytometry: 1/10 - 1/50: Use 10 ul of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| <b>Specificity:</b>                  | This antibody recognises CD139, a 228kD molecule expressed by germinal centre B cells, follicular dendritic cells and the follicular mantle. Smooth muscle of some blood vessels is also stained in some cases.<br><b>Species:</b> Human.<br>Other species not tested.  |
| <b>Storage:</b>                      | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.  |