



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 CD20 B1 Antigen, B Lymphocyte Marker

The CD20 antigen (Bp35) is an integral non-glycosylated membrane protein with four transmembrane domains. Three isoforms (33, 35 and 37 kDa) result from differential phosphorylation within the cytoplasmic domain. The CD20 molecule is present on all normal B lymphocytes from peripheral blood, lymph node, spleen, tonsil and bone marrow, but is absent from other plasma cells. It is expressed naturally but at a low density on a subset of peripheral blood T lymphocytes. L26 reacts with all B cells, including pre-B cells in bone marrow. It stains mantle zone and germinal centre lymphoid cells.

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| Product Number: | T-1058 |
| Clone: | L26 |
| Host species, isotype: | Mouse IgG2a |
| Quantity: | 200µg |
| Format: | Affinity purified, lyophilized |
| | 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 0.01% sodium azide as a preservative. |
| Stability: | Original vial: 1 year at 4° - 8°C Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing. |
| Applications: | Tested for immunohistochemistry (IHC); has been described to work in FACS. Approximate working dilution for IHC: Frozen sections: 1µg/ml (1:400) Paraffin sections: not tested. Optimal dilutions should be determined by the end user. Suggested positive control: Human tonsil. Antigen, epitope: The antigen is CD20, the epitope is located intracellularly and has not been further characterized. |

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