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|-----------------------|--|-----------------|
|                       | Technical Data Sheet   |                 |
| Product               | <b>Anti-Hu CD20 Purified</b>   |                 |
| Cat. Number/Size      | <b>11-414-C025</b>   | <b>0.025 mg</b> |
|                       | <b>11-414-C100</b>   | <b>0.1 mg</b>   |
|                       | <b>For Research Use Only.</b>  |                 |
|                       | <b>Not for use in diagnostic or therapeutic procedures.</b>  |                 |
| Antigen               | CD20   |                 |
| Clone                 | LT20   |                 |
| Format                | Purified   |                 |
| Reactivity            | Human  |                 |
| Application           | FC (QC tested)   |                 |
| Application details   | Flow cytometry: Recommended dilution: 3 µg/ml.   |                 |
| Isotype               | Mouse IgG2a  |                 |
| Specificity           | The antibody LT20 reacts with an extracellular epitope of CD20 (Bp35), a 33-37 kDa non-glycosylated membrane receptor with four transmembrane domains, expressed on B lymphocytes (it is lost on plasma cells), follicular dendritic cells, and at low levels on peripheral blood T lymphocytes. |                 |
| Other names           | B1, S7, MS4A, Bp35, CVID5, LEU-16  |                 |
| Immunogen             | Normal human lymphocytes from lymph node.  |                 |
| Entrez Gene ID        | 931  |                 |
| Gene name             | CD20   |                 |
| NCBI Full Gene Name   | MS4A1  |                 |
| UniProt ID            | P11836   |                 |
| Concentration         | 1 mg/ml  |                 |
| Preparation           | Purified by protein-A affinity chromatography.   |                 |
| Formulation           | Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide  |                 |
| Storage and handling  | Store at 2-8°C. Do not freeze.   |                 |
| Images and References | www.exbio.cz   |                 |

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