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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
|                       | Technical Data Sheet                                                                                                                                                      |               |
| Product               | <b>Anti-HLA-DR Biotin</b>                                                                                                                                                 |               |
| Cat. Number/Size      | <b>1B-690-C100</b>                                                                                                                                                        | <b>0.1 mg</b> |
|                       | <b>For Research Use Only.</b>                                                                                                                                             |               |
|                       | <b>Not for use in diagnostic or therapeutic procedures.</b>                                                                                                               |               |
| Antigen               | HLA-DR                                                                                                                                                                    |               |
| Clone                 | L243                                                                                                                                                                      |               |
| Format                | Biotin                                                                                                                                                                    |               |
| Reactivity            | Dog, Non-human primates, Human                                                                                                                                            |               |
| Application           | FC (QC tested), WB, IHC-P, ICC, IP, IHC-F                                                                                                                                 |               |
| Application details   | Flow cytometry: Recommended dilution: 1-5 µg/ml.                                                                                                                          |               |
| Isotype               | Mouse IgG2a kappa                                                                                                                                                         |               |
| Specificity           | The mouse monoclonal antibody L243 recognizes specifically an extracellular epitope on HLA-DR molecules, both peptide-loaded and empty.                                   |               |
| Immunogen             | Human B lymphocytes                                                                                                                                                       |               |
| Concentration         | 1 mg/ml                                                                                                                                                                   |               |
| Preparation           | Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion 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 | <a href="http://www.exbio.cz">www.exbio.cz</a>                                                                                                                            |               |

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