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|                       | Technical Data Sheet   |                 |
| Product               | <b>Anti-Cytokeratin 19 Biotin</b>  |                 |
| Cat. Number/Size      | <b>1B-120-C025</b>   | <b>0.025 mg</b> |
|                       | <b>1B-120-C100</b>   | <b>0.1 mg</b>   |
|                       | <b>For Research Use Only.</b>  |                 |
|                       | <b>Not for use in diagnostic or therapeutic procedures.</b>  |                 |
| Antigen               | Cytokeratin 19   |                 |
| Clone                 | A53-B/A2   |                 |
| Format                | Biotin   |                 |
| Reactivity            | Human  |                 |
| Application           | IHC-P, FC (QC tested), IP, WB, ICC, ELISA  |                 |
| Application details   | Flow cytometry: Recommended dilution: 1-5 µg/ml, intracellular staining.<br>Western blotting: Recommended dilution: 1-2 µg/ml.   |                 |
| Isotype               | Mouse IgG2a  |                 |
| Specificity           | The mouse monoclonal antibody A53-B/A2 recognizes the rod domain of cytokeratin 19 (40 kDa), an intracellular antigen constituting intermediate cytoskeleton filaments. Cytokeratin 19 is not expressed in hepatocytes; it is often co-expressed with cytokeratin 7. |                 |
| Other names           | K19, CK19, CYK19, KRT19, K1CS  |                 |
| Immunogen             | MCF-7 human breast adenocarcinoma cell line  |                 |
| Entrez Gene ID        | 3880   |                 |
| Gene name             | KRT19  |                 |
| NCBI Full Gene Name   | keratin 19   |                 |
| UniProt ID            | P08727   |                 |
| 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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