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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
|                       | Technical Data Sheet                                                                                                                                                                        |                 |
| Product               | <b>Anti-Notch1 APC</b>                                                                                                                                                                      |                 |
| Cat. Number/Size      | <b>1A-651-C025</b>                                                                                                                                                                          | <b>0.025 mg</b> |
|                       | <b>1A-651-C100</b>                                                                                                                                                                          | <b>0.1 mg</b>   |
|                       | <b>For Research Use Only.</b>                                                                                                                                                               |                 |
|                       | <b>Not for use in diagnostic or therapeutic procedures.</b>                                                                                                                                 |                 |
| Antigen               | Notch1                                                                                                                                                                                      |                 |
| Clone                 | mN1A                                                                                                                                                                                        |                 |
| Format                | APC                                                                                                                                                                                         |                 |
| Reactivity            | Mouse, Human                                                                                                                                                                                |                 |
| Negative species      | Rat                                                                                                                                                                                         |                 |
| Application           | FC-IC (QC tested)                                                                                                                                                                           |                 |
| Application details   | Flow cytometry: Recommended dilution: 1-5 µg/ml. Intracellular staining.                                                                                                                    |                 |
| Excitation laser      | red (633 nm)                                                                                                                                                                                |                 |
| Isotype               | Mouse IgG1 kappa                                                                                                                                                                            |                 |
| Specificity           | The mouse monoclonal antibody mN1A recognizes intracellular domain of Notch 1 protein, mainly its activated form. The unprocessed Notch 1 protein is recognized with lower affinity.        |                 |
| Other names           | AOS5, TAN1, hN1, AOVD1                                                                                                                                                                      |                 |
| Immunogen             | GST fusion protein containing cdc10-NCR region of mouse Notch1                                                                                                                              |                 |
| Entrez Gene ID        | 4851                                                                                                                                                                                        |                 |
| Gene name             | NOTCH1                                                                                                                                                                                      |                 |
| NCBI Full Gene Name   | notch receptor 1                                                                                                                                                                            |                 |
| UniProt ID            | P46531                                                                                                                                                                                      |                 |
| Concentration         | 0.1 mg/ml                                                                                                                                                                                   |                 |
| Preparation           | Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography. |                 |
| Formulation           | Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide                                                                                                                     |                 |
| Storage and handling  | Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.                                                                                                                    |                 |
| Images and References | www.exbio.cz                                                                                                                                                                                |                 |

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