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| <b>Product name:</b>  | Cytokeratin 18 (Alexa Fluor 488)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Cat number:</b>    | MAB-1323A4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Conjugate:</b>     | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Size:</b>          | 100 ug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Clone:</b>         | C-04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Concentration:</b> | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Host:</b>          | Ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Isotype:</b>       | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen:</b>     | Cytoskeleton preparation of epidermal carcinoma cell line A431.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Reactivity:</b>    | Mamm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications:</b>  | FC, WB, ICC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purification:</b>  | Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Form:</b>          | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Buffer:</b>        | The reagent is provided in phosphate buffered saline (PBS) containing 15 mM sodium azide and 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) as a stabilizing agent.                                                                                                                                                                                                                                                                                                                 |
| <b>Storage:</b>       | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label. Short-term exposure to room temperature should not affect the quality of the reagent. However, if reagent is stored under any conditions other than those specified, the conditions must be verified by the user.                                                                                                                                             |
| <b>Background:</b>    | Cytokeratins are a subfamily of intermediate filaments and characterized by remarkable biochemical diversity. Cytokeratins are represented in epithelial tissues by at least 20 different polypeptides, molecular weight between 40 kDa and 68 kDa. The individual cytokeratin polypeptides are designated 1 to 20 and divided into the type I (acidic cytokeratins 9-20) and type II (basic to neutral cytokeratins 1-8) families. Cytokeratins 18 belongs to type I family (acidic cytokeratins). |