

ARG22646 anti-Fibroblasts + Epithelial cells antibody [D7-FIB] (PE)

Package: 50 tests

Store at: 4°C

Summary

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| Product Description | <p>PE-conjugated Mouse Monoclonal antibody [D7-FIB] recognizes Fibroblasts + Epithelial cells. This antibody recognizes a ~112kDa molecule expressed on the cell surface of Human fibroblasts. The antigen is not expressed by peripheral blood cells, and is found at low levels on a minority of melanoma cell lines. Studies upon the antigen have shown it to be sensitive to SDS, but resistant to trypsin, tunicamycin and collagenase.</p> <p>In immunohistological studies Mouse anti Human Fibroblasts/Epithelial Cells antibody. Mouse anti Human Fibroblasts/Epithelial Cells antibody, clone D7-FIB has also been found to bind to epithelium, myoepithelium, smooth muscle and some leucocytes.</p> <p>Mouse anti Human Fibroblasts/Epithelial Cells antibody, clone D7-FIB is useful as a cell membrane marker to characterize chondrocyte differentiation giving a positive reaction with dedifferentiated Human chondrocytes, and negative with differentiated chondrocytes (van Osch et al. 2001).</p> <p>Mouse anti Human Fibroblasts/Epithelial Cells antibody, clone D7-FIB is routinely tested in flow cytometry on the KG1 cell line.</p> |
| Tested Reactivity | Hu |
| Tested Application | FACS |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | D7-FIB |
| Isotype | IgG2a |
| Target Name | Fibroblasts + Epithelial cells |
| Species | Human |
| Immunogen | Human foreskin fibroblasts. |
| Conjugation | PE |

Application Instructions

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| Application table | Application | Dilution |
| | FACS | Neat - 1:10 |
| Application Note | FACS: Use 10 µl of the suggested working dilution to label 10 ⁶ cells in 100 µl. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

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|--------------|-------------------------------------------------|
| Form | Liquid |
| Purification | Purification with Protein G. |
| Buffer | PBS, 0.09% Sodium azide, 1% BSA and 5% Sucrose. |
| Preservative | 0.09% Sodium azide |

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|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stabilizer | 1% BSA and 5% Sucrose |
| Storage instruction | Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |