

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

Package: 50 tests
Store at: 4°C

Summary

Product Description	<p>PE-conjugated Mouse Monoclonal antibody [D7-FIB] recognizes Fibroblasts + Epithelial cells</p> <p>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.</p> <p>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

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>FACS</td><td>Neat - 1:10</td></tr> </table>	Application	Dilution	FACS	Neat - 1:10
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FACS	Neat - 1:10				
Application Note	<p>FACS: Use 10 µl of the suggested working dilution to label 10⁶ cells in 100 µl.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>				

Properties

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

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.