

ARG23145 anti-CD5 antibody [FE1.1B11] (PE)

Package: 50 tests
Store at: 4°C

Summary

Product Description	PE-conjugated Mouse Monoclonal antibody [FE1.1B11] recognizes CD5 Mouse anti Cat CD5 antibody, clone FE1.1B11 recognizes feline CD5, a 67kDa cell surface glycoprotein expressed by peripheral T lymphocytes and thymocytes.
Tested Reactivity	Cat
Tested Application	FACS
Host	Mouse
Clonality	Monoclonal
Clone	FE1.1B11
Isotype	IgG1
Target Name	CD5
Species	Cat
Conjugation	PE
Alternate Names	CD antigen CD5; Lymphocyte antigen T1/Leu-1; LEU1; T-cell surface glycoprotein CD5; T1

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 A.
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.

Bioinformation

Gene Symbol	CD5
Gene Full Name	CD5 molecule
Function	May act as a receptor in regulating T-cell proliferation. [UniProt]
Calculated Mw	55 kDa
PTM	Phosphorylated on tyrosine residues by LYN; this creates binding sites for PTPN6/SHP-1. [UniProt]