

U-CyTech B.V.  
Yalelaan 42  
3584 CM Utrecht  
The Netherlands  
+31 85 073 1460  
cs@ucytech.com  
www.ucytech.com

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|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Data sheet</b> | <b>Monoclonal antibody to monkey interleukin 13 (IL-13)<br/>FITC-labeled</b>                                                                                                                                                                                                                                                       |
| <b>Cat. No.</b>   | <b>CT120</b>                                                                                                                                                                                                                                                                                                                       |
| Clone             | QS-13                                                                                                                                                                                                                                                                                                                              |
| Isotype           | Mouse IgG <sub>1</sub> , κ                                                                                                                                                                                                                                                                                                         |
| Production        | <i>In vitro</i> using serum free medium                                                                                                                                                                                                                                                                                            |
| Purification      | Ion exchange chromatography                                                                                                                                                                                                                                                                                                        |
| Labeling          | With 5(6)-carboxyfluorescein-N-hydroxysuccinimide ester (FLUOS)                                                                                                                                                                                                                                                                    |
| Packaging         | Lyophilized and vacuum-packed                                                                                                                                                                                                                                                                                                      |
| Contents          | 50 µg/vial                                                                                                                                                                                                                                                                                                                         |
| Buffer            | Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose.                                                                                                                                                                                                                                                                   |
| Specificity:      | Natural IL-13 of rhesus macaques, cynomolgus monkeys, pig-tailed macaques, Japanese macaques, barbary macaques, lion-tailed macaques, baboons, African green monkeys and marmosets binds with high efficiency.                                                                                                                     |
| Sterility         | Membrane filtered (0.2 µm)                                                                                                                                                                                                                                                                                                         |
| Reconstitution    | Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.                                                                                                                                                                                                                                                  |
| Working conc.     | 1 to 2 µl per 10 <sup>6</sup> PBMC (minimal 250 tests)                                                                                                                                                                                                                                                                             |
| Stability         | Lyophilized product, protected from light, is stable for ≥1 year at 2-8°C (see vial for expiry). After reconstitution, store at 2-8°C for up to one month if sterile. For long-term use, aliquot the solution, protect from light and freeze at -32 to -18°C (stable ≥1 year). Add 0.02% sodium azide to prevent bacterial growth. |
| Quantitation      | Antibody concentration was determined by absorbance, taking A <sub>280</sub> =1.4 for a 1 mg/ml solution.                                                                                                                                                                                                                          |
| Application       | Flow cytometry                                                                                                                                                                                                                                                                                                                     |

