Technical Data Sheet
FITC Mouse Anti-Human CD134

Product Information
Material Number: 555837
Alternate Name: OX40
Size: 100 tests
Vol. per Test: 20 µl
Clone: ACT35
Isotype: Mouse IgG1, κ
Reactivity: QC Testing: Human
Workshop: IV A107, VI C-31
Storage Buffer: Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Description
Reacts with a 35 kD polypeptide chain expressed on mitogen-stimulated lymphocytes. OX40 is a member of the tumor necrosis factor/nerve growth factor receptor (TNFR/NGFR) family. OX40 was clustered as CD134 in the Sixth International Workshop on Human Leukocyte Differentiation Antigens. Analysis of the nucleoside sequence of the human cDNA reveals strong homology with rat OX40 cDNA. CD134 may play a role in T-cell activation as well as regulation of differentiation, proliferation or apoptosis of normal and malignant lymphoid cells.

This antibody is routinely tested by flow cytometric analysis. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.

Preparation and Storage
The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography. The antibody was conjugated with FITC under optimum conditions, and unreacted FITC was removed. Store undiluted at 4° C and protected from prolonged exposure to light. Do not freeze.

Application Notes
Application
Flow cytometry | Routinely Tested

BD Biosciences

555837 Rev. 6
### Suggested Companion Products

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Name</th>
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<tbody>
<tr>
<td>555748</td>
<td>FITC Mouse IgG1, κ Isotype Control</td>
<td>100 tests</td>
<td>MOPC-21</td>
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### Product Notices

1. This reagent has been pre-diluted for use at the recommended Volume per Test. We typically use 1 X 10^6 cells in a 100-µl experimental sample (a test).
2. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
3. Please refer to [wwwbdbiosciencescom/pharmins/protocols](http://wwwbdbiosciencescom/pharmins/protocols) for technical protocols.
4. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
5. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

### References