

eBioscience™ Mouse Hematopoietic Lineage Biotin Panel

Catalog Number: 88-7774

RUO: For Research Use Only. Not for use in diagnostic procedures.

Product Information

Contents: eBioscience™ Mouse Hematopoietic Lineage Biotin Panel
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Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C.

Batch Code: Refer to vial

Use By: Refer to vial

Caution, contains Azide

Description

The eBioscience Mouse Hematopoietic Lineage Flow Panel contains 5 biotinylated antibodies that can be used to identify, enrich and/or deplete cells committed to the T, B, NK, myeloid and erythroid lineages based on their cell surface antigen expression.

Components

Biotin anti-mouse CD3 (145-2C11): 2ml
Biotin anti-mouse CD45R/B220 (RA3-6B2): 2ml
Biotin anti-mouse CD11b (M1/70): 2ml
Biotin anti-mouse Erythroid marker (TER-119): 2ml
Biotin anti-mouse Ly-6G (RB6-8C5): 2ml

Applications Reported

Mouse Hematopoietic Lineage Flow Panel has been reported for use in flow cytometric analysis. The antibody panel can be used for staining of lineage committed cells in mouse bone marrow cell suspensions. The stained cells can then be revealed with fluorochrome-conjugated Streptavidin (or Avidin) and analyzed or sorted by flow cytometric analysis or with SA_v-paramagnetic particles and separated by immunomagnetic cell separation.

Applications Tested

Mouse Hematopoietic Lineage Flow Panel has been pre-titrated and tested by flow cytometric analysis of mouse bone marrow cells. This can be used at 2 µL per million cells (total of 10 µL of all antibodies). Antibodies have been pre-titrated as follows:

1. Biotin anti-mouse CD3 (145-2C11): 0.25 µg/2 µL (0.125 mg/mL)
2. Biotin anti-mouse CD45R/B220 (RA3-6B2): 0.06 µg/2 µL (0.03 mg/mL)
3. Biotin anti-mouse CD11b (M1/70): 0.06 µg/2 µL (0.03 mg/mL)
4. Biotin anti-mouse Erythroid marker (TER-119): 0.06 µg/2 µL (0.03 mg/mL)
5. Biotin anti-mouse Ly-6G (RB6-8C5): 0.03 µg/2 µL (0.015 mg/mL)

Not for further distribution without written consent.

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