

Product Datasheet

Human Hematopoietic Progenitor Cell Flow Cytometry Kit FMC019-NOV

Unit Size: 25 Tests

Store at 4C. Do not freeze.

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Updated 9/11/2023 v.20.1

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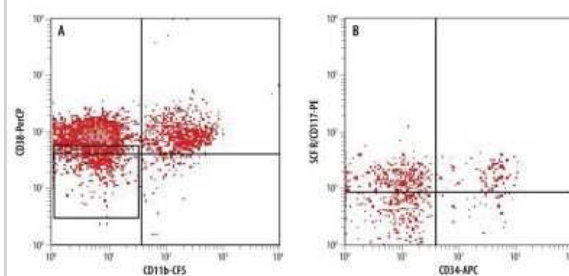
FMC019-NOV**Human Hematopoietic Progenitor Cell Flow Cytometry Kit**

Product Information	
Unit Size	25 Tests
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C. Do not freeze.
Product Description	
Description	<p>This product is designed for single-step, flow cytometric analysis of human HPCs using four fluorochrome-conjugated antibodies. Features</p> <ul style="list-style-type: none"> • Verifies human hematopoietic progenitor cell identity within 2 hours • Cost-effective kit provides an optimized combination of antibodies • Multiple cell-surface markers reduce experimental variability • Defines a starting cell population
Species	Human
Kit Components	<p>Positive Marker: 250 uL of CD34-APC Mouse IgG1; Clone QBEnd10, Positive Marker: 250 uL of SCF R/CD117-PE Mouse IgG1; Clone 47233, Negative Marker: 250 uL of CD38-PerCP Mouse IgG2A; Clone 240742, Negative Marker: 250 uL of CD11b-CFS Mouse IgG2B; Clone 238446, Positive Isotype Control: 250 uL of Mouse IgG1-APC ; Clone 11711, Positive Isotype Control: 250 uL of Mouse IgG1-PE; Clone 11711, Negative Isotype Control: 250 uL of Mouse IgG2A-PerCP; Clone 20102, Negative Isotype Control: 250 uL of Mouse IgG2B-CFS; Clone 133303, 100 mL of 1X Staining Buffer</p>
Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry

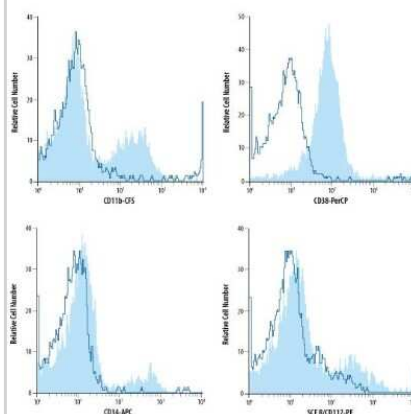


Images

Flow Cytometry: Human Hematopoietic Progenitor Cell Flow Cytometry Kit [FMC019-NOV] - Human umbilical cord blood cells were stained using reagents supplied in this kit. Cells were simultaneously analyzed for the expression of multipotency markers. Cells negative for CD11b and negative/low for CD38 (boxed area in A) were gated and assessed for positive expression of CD34 and SCF R/CD117 (upper right quadrant in B). Quadrants were set based on isotype controls.



Flow Cytometry: Human Hematopoietic Progenitor Cell Flow Cytometry Kit [FMC019-NOV] - Human umbilical cord blood cells were stained with the indicated antibodies included in this kit. Representative expression of each analyte in the total umbilical cord blood cell population (filled histogram) over the isotype control (open histogram).





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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