

LEGENDplex™ Mouse HSC Panel Detection Antibodies

Catalog# / Size	740685 / 100 tests (3.5 mL)
Regulatory Status	RUO
Other Names	HSC, IL-34, IL-5, M-CSF, TPO, IL-6, GM-CSF, IL-15, TGF-alpha1, IL-3, LIF, SCF, EPO, CXCL12, SDF-1
Description	<p>740685 LEGENDplex™ Mouse HSC Panel Detection Antibodies can be used together with the following Mix and Match Capture Beads and Mouse HSC Panel Standard, and Buffer Set I to offer flexible customization within the panel (13-plex):</p> <ul style="list-style-type: none">740686 LEGENDplex™ Mouse IL-34 Capture Bead A4, 13X740056 LEGENDplex™ Mouse IL-5 Capture Bead A5, 13X740687 LEGENDplex™ Mouse M-CSF Capture Bead A6, 13X740688 LEGENDplex™ Mouse TPO Capture Bead A7, 13X740057 LEGENDplex™ Mouse IL-6 Capture Bead A8, 13X740689 LEGENDplex™ Mouse GM-CSF Capture Bead A10, 13X740690 LEGENDplex™ Mouse IL-15 Capture Bead B2, 13X740692 LEGENDplex™ Mouse TGF-β1 Capture Bead B3, 13X740691 LEGENDplex™ Mouse IL-3 Capture Bead B4, 13X740693 LEGENDplex™ Mouse LIF Capture Bead B5, 13X740694 LEGENDplex™ Mouse SCF Capture Bead B6, 13X740695 LEGENDplex™ Mouse EPO Capture Bead B7, 13X740696 LEGENDplex™ Mouse CXCL12 (SDF-1) Capture Bead B9, 13X740684 LEGENDplex™ Mouse HSC Panel Standard740620 LEGENDplex™ Buffer Set H (Set Up Beads, Buffers, Plate Sealers, Matrix, and SA-PE)740377 or 740379 Filter Plate or V-bottom Plate

The LEGENDplex™ Mouse HSC Panel (13-plex) is a bead-based multiplex assay panel, using fluorescence-encoded beads suitable for use on various flow cytometers. It allows for simultaneous quantification of 13 key targets involved in hematopoietic stem cell differentiation and lineage specific markers, including IL-34, IL-5, M-CSF, TPO, IL-6, GM-CSF, IL-15, TGF-β1, IL-3, LIF, SCF, EPO, and CXCL12 (SDF-1). This assay panel provides higher detection sensitivity and broader dynamic range than traditional ELISA methods. The panel has been validated for use on cell culture supernatant, serum, and plasma samples.

Product Details

Verified Reactivity	Mouse
Application	Multiplex
	Learn more about LEGENDplex™ at biolegend.com/legendplex
	Download the LEGENDplex™ software here .

Antigen Details

Biology Area	Angiogenesis, Cell Biology, Immunology, Signal Transduction, Stem Cells
Molecular Family	Cytokines/Chemokines, Growth Factors
Gene ID	NA

Related Protocols

[LEGENDplex™ Laboratory Protocol - Video](#)

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