

LEGENDplex™ Mouse CXCL12 (SDF-1) Capture Bead B9, 13X

Catalog# / Size	740696 / 100 tests (270 µL)
Regulatory Status	RUO
Other Names	ErythropoietinChemokine (C-X-C motif) Ligand 12, Stromal Cell-Derived Factor 1, PBSF, SCYB12, TPAR1
Description	<p>These Mouse CXCL12 (SDF-1) Capture Beads are suitable for use with the following Mix and Match reagents:</p> <p><u>Mouse HSC Panel</u> 740685 (LEGENDplex™ Mouse HSC Panel Detection Antibodies) 740684 (LEGENDplex™ Mouse HSC Panel Standard) 741206 (LEGENDplex™ Buffer Set H1)</p> <p>For product manuals for these panels, please visit the Mix and Match tab on the LEGENDplex™ page.</p>

Product Details

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

Antigen Details

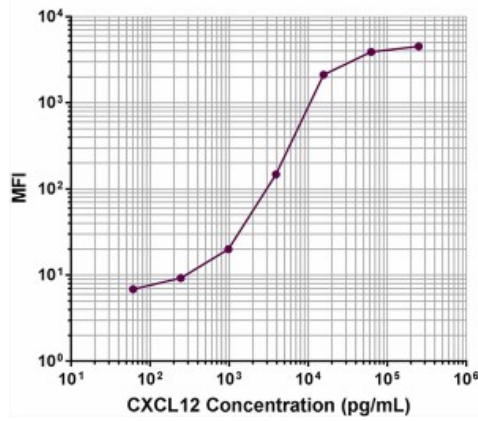
Biology Area	Apoptosis/Tumor Suppressors/Cell Death, Cell Biology, Immunology, Signal Transduction, Transcription Factors
Molecular Family	Cytokines/Chemokines
Gene ID	20315

Related Protocols

[LEGENDplex™ Laboratory Protocol - Video](#)

Product Data

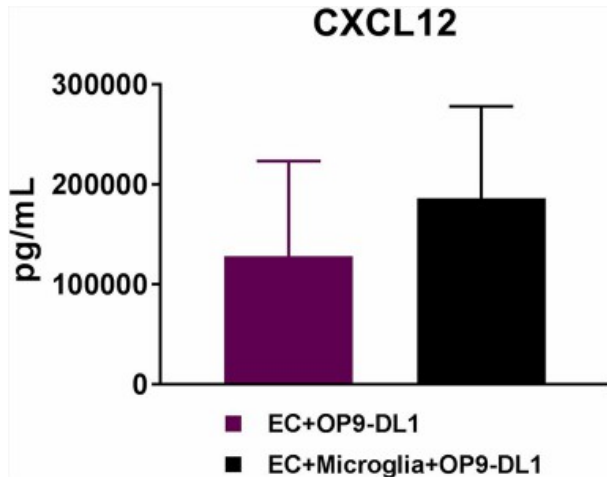
**LEGENDplex™ Mouse CXCL12 Capture Bead B9
Representative Standard Curve**



Data generated using the following LEGENDplex™ Mix & Match Reagents:

- Mouse CXCL12 (SDF-1) Capture Bead B9, 13X (Cat. # 740696)
- Mouse HSC Panel Detection Antibodies (Cat. # 740685)
- Mouse HSC Panel Standard (Cat. # 740684)
- Buffer Set H (Cat. # 740620)

Note: Data acquired on a BD FACSCalibur™ flow cytometer.



Murine endothelial (CD31^{pos}CD41^{neg}CD45^{neg}) and microglial cells (CD45^{pos}CD11b^{pos}F4/80^{pos}) were isolated from digested E10.5 embryonic head tissue via FACS. Cells were co-cultured with OP9-DL1 cells for 7 days, and then culture supernatants were quantified using the LEGENDplex™ Mouse HSC Panel.

Results are presented as the mean target concentration + SD (n = 6 embryos). Data were provided courtesy of Dr. Zhuan Li, MRC Centre for Inflammation Research, University of Edinburgh.

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