

Benzo(a)pyrene exposure reduces CD54 expression on alveolar macrophages and alters apoptosis and inflammatory responses in the lungs

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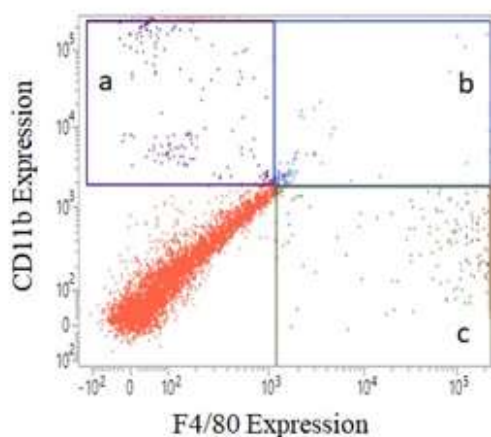
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Supplementary Data



Boxes	Staining pattern	Cell Type	Cells %
a	CD11b ⁺	Alveolar Macrophage 1	2.08
b	CD11b ⁺ /F4/80 ⁺	Interstitial Macrophage	1.07
c	F4/80 ⁺	Alveolar Macrophage 2	2.50

Suppl. Fig.1 — Staining pattern of Alveolar Macrophages. A single cell suspension from lungs was stained with anti-mouse CD11bFITC and F4/80 pan macrophage marker, followed by flow cytometric analysis. Three types of macrophages, *i.e.*, alveolar macrophages 1 (CD11b⁺, AM1), interstitial macrophages (IM) (CD11b⁺F4/80⁺ IM), and alveolar macrophages 2 (F4/80⁺, AM2), were identified based on the expression of these receptors as shown in boxes a, b and c. The tabulated data show that proportions of various macrophages inside lungs

Suppl. Table 1 — Shown here are the sequences of various primers

S. No.	Gene	Sense primer (5' → 3')	Antisense primer (5' → 3')
1.	Bax	AGCAAAGTGGTGCTCAAGGC	CCACAAAGATGGTCACTGTC
2.	Bcl-2	GTGGTGGAGGAAGCTCTCAG	GTTCCACAAAGGCATCCAG
3.	Cyt C	GAGGCAAGCATAAGACTGGA	TACTCCATCAGGGTATCCTC
4.	Caspase 3	CCTCAGAGAGACATTCATGG	GCAGTAGTCGCCTCTGAAGA
5.	IL-6	GACAACCACGGCCTTCCCTA	GGTACTCCAGAAGACCAGAGGA
6.	IL-10	CCAGTTTTACCTGGTAGAAGTGATG	TGTCTAGGTCCTGGAGTCCAGCAGACTC
7.	IFN-γ	GTTACTGCCACGGCACAGTCATTG	ACCATCCTTTTGCCAGTTCCTCCAG
8.	TNF-α	CCGATGGGTGTACCTTGCT	GTGGGTGAGGAGCACGTAGT
9.	TGF-β	AACTATTGCTTCAGCTCCACAG	AGTTGGCATGGTAGCCCTTG
10.	18s rRNA	ACTTTTGGGGCCTTCGTGTC	GCCAGAGACTCATTTCCTTCTG