

Figure S1. Pulmonary immune cell numbers counted by flow cytometry following exposure to OPP_{2.5} particles (80 μg), PPP_{2.5} particles (80 μg) or vehicle (50 μl sterile saline). Percentage and absolute number of (A) IM2, (B) IM3 and (C) eosinophil cells in CD45⁺ cells. The circles represent the corresponding data of each mouse in the control group, the squares represent the corresponding data of each mouse in the OPP_{2.5} group, and the triangles represent the corresponding data of each mouse in the PPP_{2.5} group. Data are presented as mean ± standard error of the mean (n=4/group). **P<0.01 vs. control. OPP_{2.5}, original atmospheric particulate matter with a diameter ≤2.5 μm; PPP_{2.5}, pure atmospheric particulate matter with a diameter ≤2.5 μm; IM, interstitial macrophage; CD, cluster of differentiation.

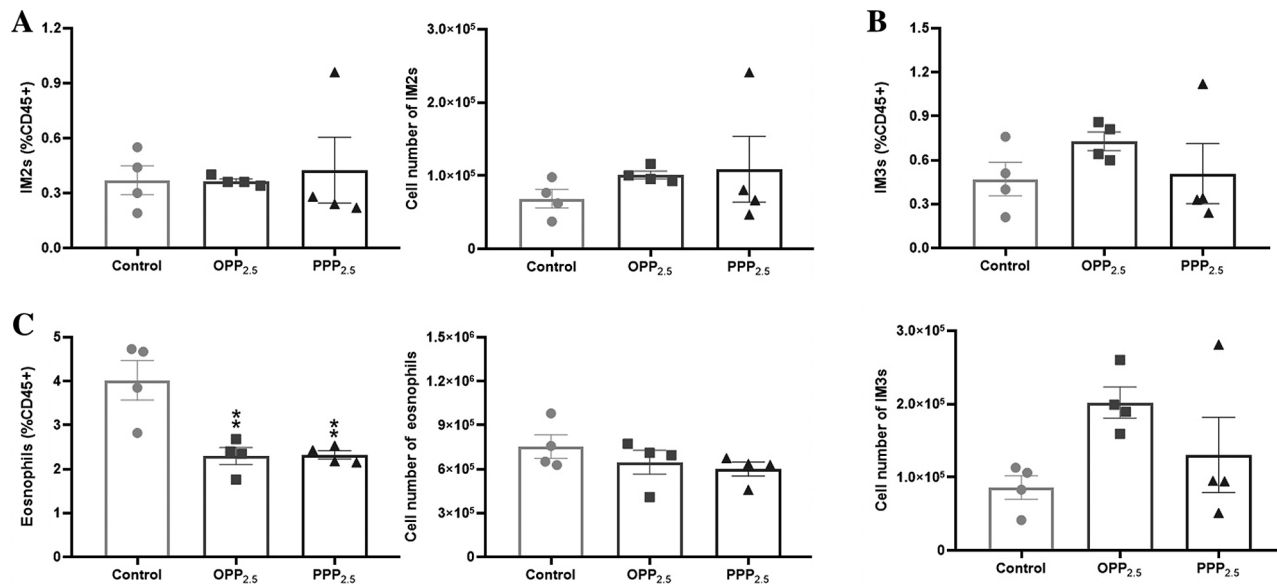


Table SI. Immunophenotyping antibodies.

Antibody	Clone	Dilutions	Conjugate	Company	Catalog no.
F4/80	CI:A3-1	0.5	FITC	Bio-Rad	MCA497FT
CD45	30-F11	0.2	BV395	BD Bioscience	564279
Ly6G	1A8	0.3	BV650	Biolegend	127641
CD11b	M1/70	0.5	BV605	Biolegend	101237
CD64	X54-5/7.1	0.5	APC	Biolegend	139305
I-A/I-E (MHC II)	M5/114.15.2	0.15	APC-Cy7	Biolegend	107628
MerTK	DS5MMER	1	PE-Cy7	eBioscience	25-5751-80
CD11c	N418	0.3	PE	Biolegend	117308
Zombie Aqua™ Fixable Viability		0.08	BV510	Biolegend	423102