

**Table S1** ARY022B RAW data for cytokines of MPE and cell lines (mean  $\pm$  SD)

Cytokine	Pleura PixelIntens	SD	Cell line PixelIntens	SD
Adiponectin	2891.125396	332.2623779	2679.238955	529.5095347
Apolipoprotein A-I	2957.067277	408.9183233	2668.426003	492.4892186
Angiogenin	3383.983321	221.2665112	2978.322933	532.971435
Angiopoietin-1	63.17075623	30.21151349	155.0339784	127.3422327
Angiopoietin-2	1928.083242	415.5552746	618.8911895	398.8596763
BAFF	3300.946172	222.2611577	3119.606339	427.1228226
BDNF	274.156331	29.54280752	528.9652824	382.9273803
Complement component C5/C5a	2712.224011	183.6085345	2435.847513	249.9042063
CD14	809.2141805	124.5859854	623.139756	174.7221675
CD30	291.252873	133.9241357	255.9266989	110.8637682
CD40 ligand	415.0085384	101.6128178	401.6400204	143.1952442
Chitinase 3-like1	2778.730889	173.7143732	2879.373392	587.147477
Complement factor D	1855.173738	46.48794213	1438.371767	327.078371
C-reactive protein	3230.041836	273.1674472	1132.734375	508.9944166
Cripto-1	171.0250959	42.86151892	74.05185023	65.06010218
Cystatin C	2866.476568	310.4254574	821.6573012	147.7060177
Dkk-1	316.4407915	162.5185242	2539.762426	122.3780422
DPPIV	2824.720339	292.4563842	2496.487596	205.0392539
EGF	62.27427268	25.11774491	79.46782137	54.11887669
Emmprin	1269.824758	267.604248	1465.716385	512.0356557
ENA-78	154.1102237	20.65018077	2894.44748	277.9386908
Endoglin	2358.366968	190.6612874	1957.133022	578.8925568
Fas ligand	75.89633042	14.43727039	85.88479912	46.19232707
FGF basic	354.3063412	54.55936847	202.7487141	128.4642475
FGF-7	46.27582304	8.709628563	59.22161382	54.85457018
FGF-19	1640.626329	124.2856266	910.0472509	258.9073763
Flt-3 ligand	637.6079085	106.597281	229.0726149	118.9112425
G-CSF	113.2707501	60.08748856	597.7099982	811.9344439
GDF-15	2600.593303	80.94082752	821.2530036	227.7991159
GM-CSF	116.2789936	30.4809818	282.8410051	337.8362112
GROa	373.8372483	126.572485	2275.765744	327.0582248
Growth hormone	444.6095632	130.4346571	501.2833891	307.7735132
HGF	601.7801403	196.2253397	276.3695784	140.6824735
ICAM-1	1725.936086	371.2653194	507.2550851	272.3926083
IFN-gamma	274.5609374	38.71252843	293.6773764	114.6315355
IGFBP-2	3155.359773	330.4358583	2753.893039	193.9673828
IGFBP-3	1716.541284	139.4889196	881.0849909	96.63513276
IL-1a	239.0417351	43.10588357	281.3321149	135.4667113
IL-1b	38.19845885	11.25199021	49.6065697	49.19589461
IL-1ra	144.8381078	41.98041374	420.109655	169.360194
IL-2	45.92456963	5.490830762	94.75541356	71.23502674
IL-3	25.40394451	8.977128238	44.65058898	20.95608408
IL-4	672.4071533	408.1366789	552.7730912	161.3791934
IL-5	63.48360593	44.1909409	109.529742	10.6902645
IL-6	1613.432102	381.1367826	498.7336552	153.8380156
IL-8	2372.27905	726.1871274	3049.518139	590.1698309
IL-10	102.3055919	31.08358637	139.9074411	115.5962593
IL-11	184.583774	33.06453695	185.1155428	78.81686841
IL-12 p70	48.86399442	9.927387432	63.28546698	63.49028403

MPE, malignant pleural effusion; SD, standard deviation.