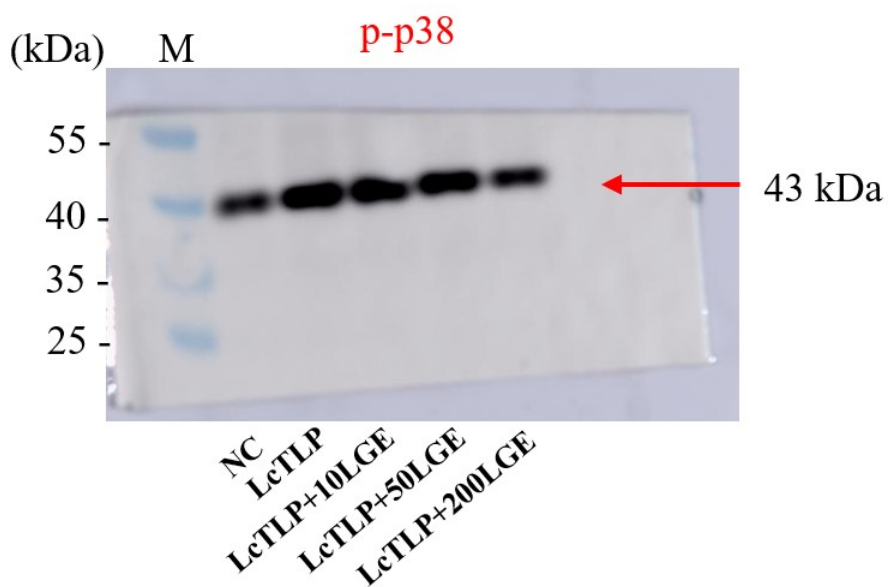


Electronic Supplementary information

Raw images of Western blot and electrophoresis data

(A)



(B)

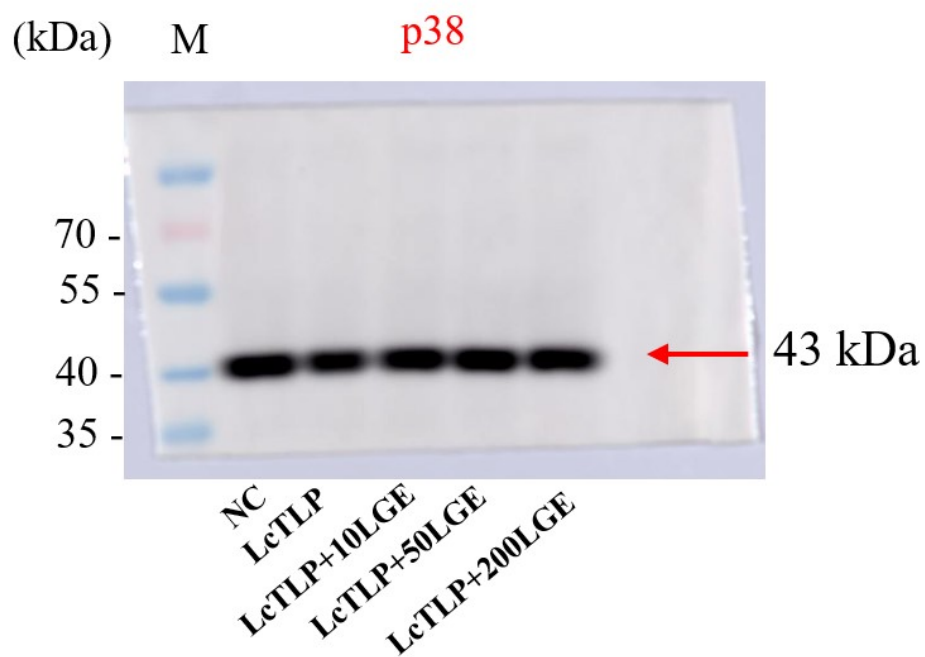
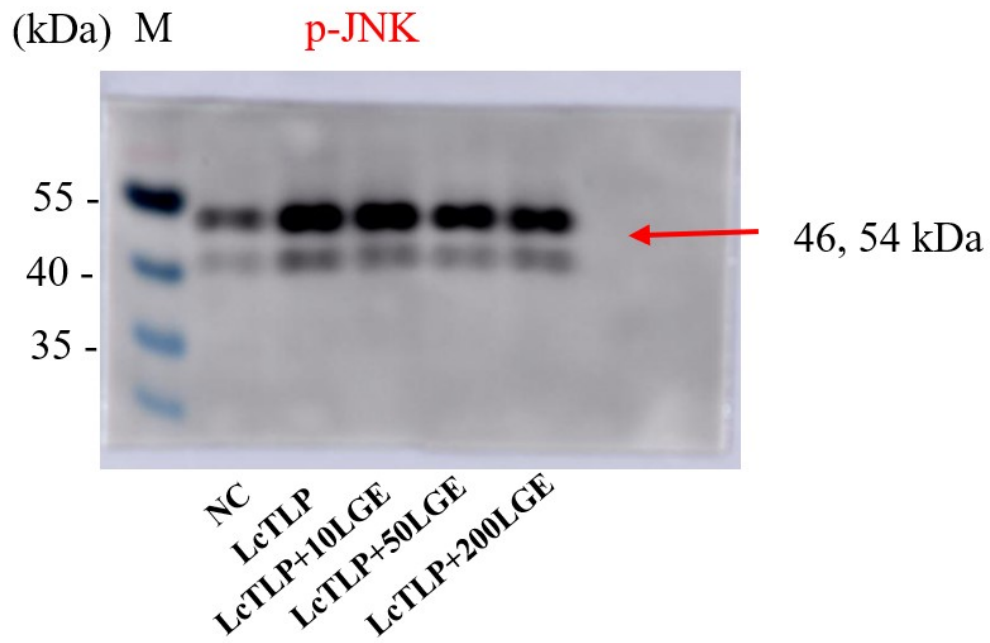


Fig. E1. Raw images of Western blot. (A): p-p38; (B): p38.

(C)



(D)

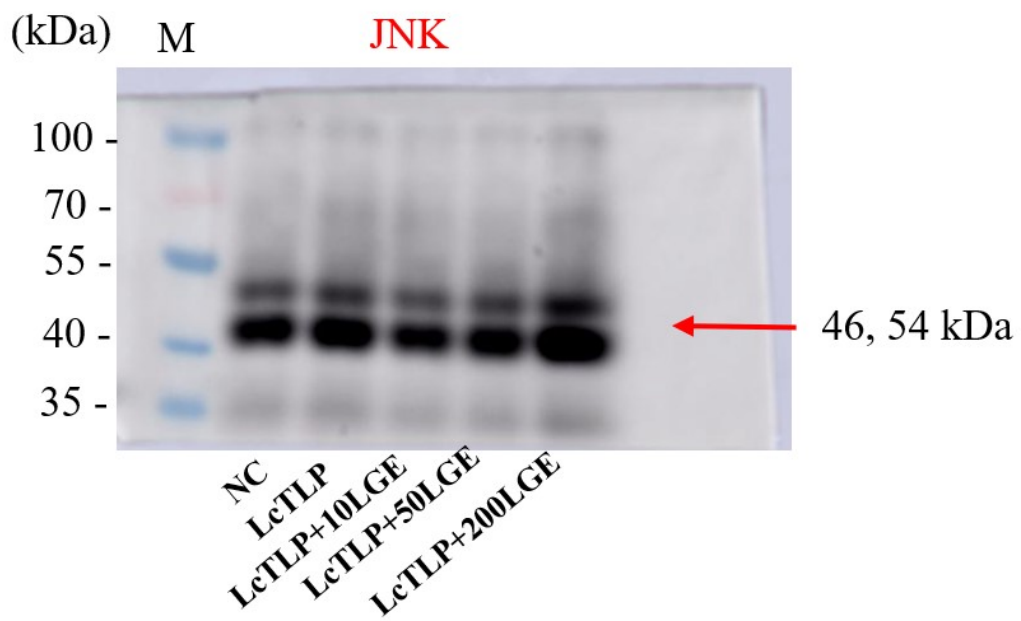
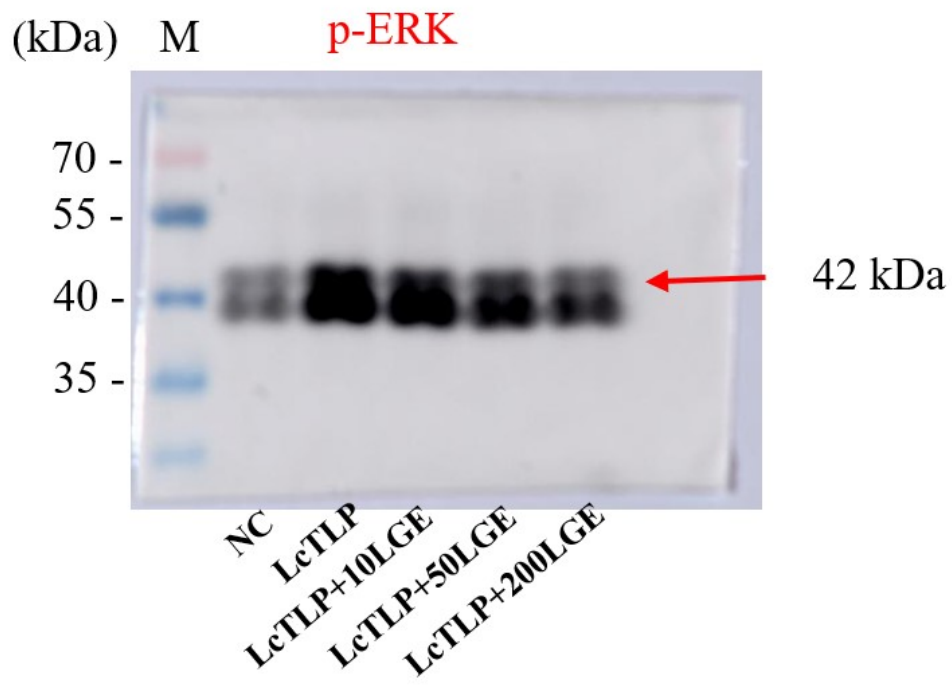


Fig. E2. Raw images of Western blot. (C): p-JNK; (D): JNK.

(E)



(F)

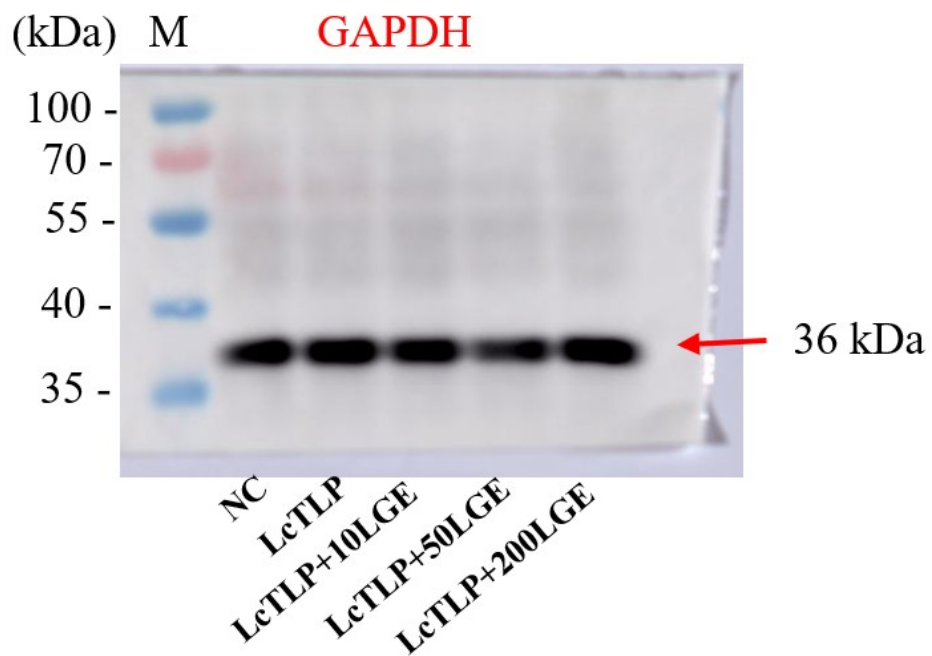


Fig. E3. Raw images of Western blot. (E): p-ERK; (F): GAPDH

Table E1. The gray value ratio of western blot in each group as calculated with Image J

Group	p-p38			p38			p-p38/p38			Mean	S.D.
NC	225201	161477	191894	323998	323998	323998	0.5922691	0.4983889	0.6950691	0.5952424	0.0983738
LcTLP	326840	284087	377741	258379	258379	258379	1.2649635	1.0994973	1.4619648	1.2754752	0.1814623
LcTLP+10LGE	307731	228057	267963	256219	256219	256219	1.0458358	0.8900862	1.2010468	1.0456563	0.1554804
LcTLP+50LGE	250656	235741	348062	246084	246084	246084	1.018579	0.9579696	1.4144032	1.1303173	0.247885
LcTLP+200LGE	193201	151747	228619	280243	280243	280243	0.6894053	0.5414836	0.8157884	0.6822258	0.1372933
	p-JNK			JNK			p-JNK/JNK			Mean	S.D.
NC	128207	127967	170675	381683	381683	381683	0.3358992	0.3352704	0.4471643	0.3727779	0.0644212
LcTLP	284881	391226	315805	414003	410003	410003	0.6881134	0.7702505	0.9542028	0.8041889	0.1362525
LcTLP+10LGE	256358	230276	366920	316935	316935	316935	0.8088662	0.7265717	1.1577137	0.8977172	0.2288924
LcTLP+50LGE	230328	263241	338013	342659	342659	342659	0.6721785	0.7682302	0.9864413	0.80895	0.1610399
LcTLP+200LGE	260892	244803	357385	540556	540556	540556	0.4826364	0.4528726	0.6611433	0.5322174	0.1126405
	p-ERK			GAPDH			p-ERK/GAPDH			Mean	S.D.
NC	234016	204762	266894	246554	246554	246554	0.949147	0.8304956	1.0824971	0.9540466	0.1260722
LcTLP	540555	573242	511472	292549	292549	292549	1.8477417	1.9594735	1.7483293	1.8518482	0.1056319
LcTLP+10LGE	531605	495576	409456	255902	255902	255902	2.0773773	1.9365851	1.60005	1.8713375	0.2452616
LcTLP+50LGE	446729	401156	432834	238586	238586	238586	1.8724024	1.6813895	1.8141634	1.7893185	0.0979001
LcTLP+200LGE	309643	434661	401720	295657	295657	295657	1.0473048	1.4701529	1.3587366	1.2920648	0.2191666