SUPPLEMENTAL MATERIALS

Figure S1.

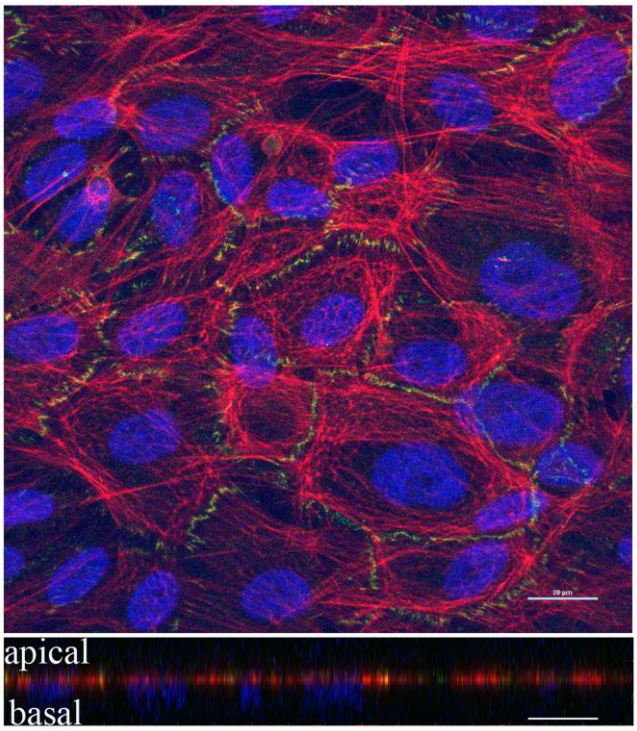

Figure S1. RPE cells express ZO-1 and actin. RPE cells from a 62-year-old donor with ApoE phenotype E3/E3 and CFHYY402 variant were cultured for 6 days, fixed in 4% PFA and co-stained with rabbit anti-ZO-1 (green) and phalloidin to detect actin (red). Blue stain corresponds to DAPI-stained nuclei. Twelve micrometer Z-stacks were captured. Confocal horizontal (X-Y) sections are shown in the upper panel and vertical (X-Z) sections are shown in lower panel. Data are representative of 2 separate experiments in 2 donors which showed similar results. Scale bar: 20 µm.

Figure S2.

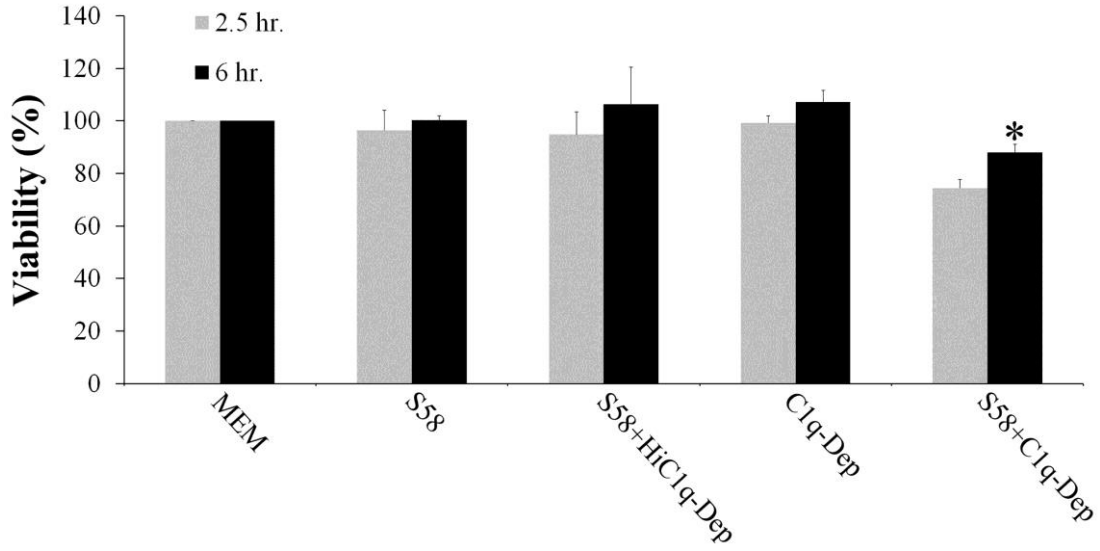

Figure S2. Cell viability is not diminished at 6 hrs. relative to 2.5 hrs. after complement challenge. RPE cells from a 62-year-old donor with ApoE phenotype E3/E3 and CFH_{YY402} variant were plated in triplicate wells. Cells were grown to confluence, primed with or without S58 (1.2 mg/ml) for 30 minutes and then treated with either 6% C1q-Dep or 6% HiC1q-Dep for either 2.5 hrs. or 6 hrs. Cell viability was determined by WST-1 assay. * $P<0.05$ vs 2.5 hrs. Data are averaged from 3 independent experiments. Similar results were observed in RPE cells from a 51-year-old donor.

Figure S3.

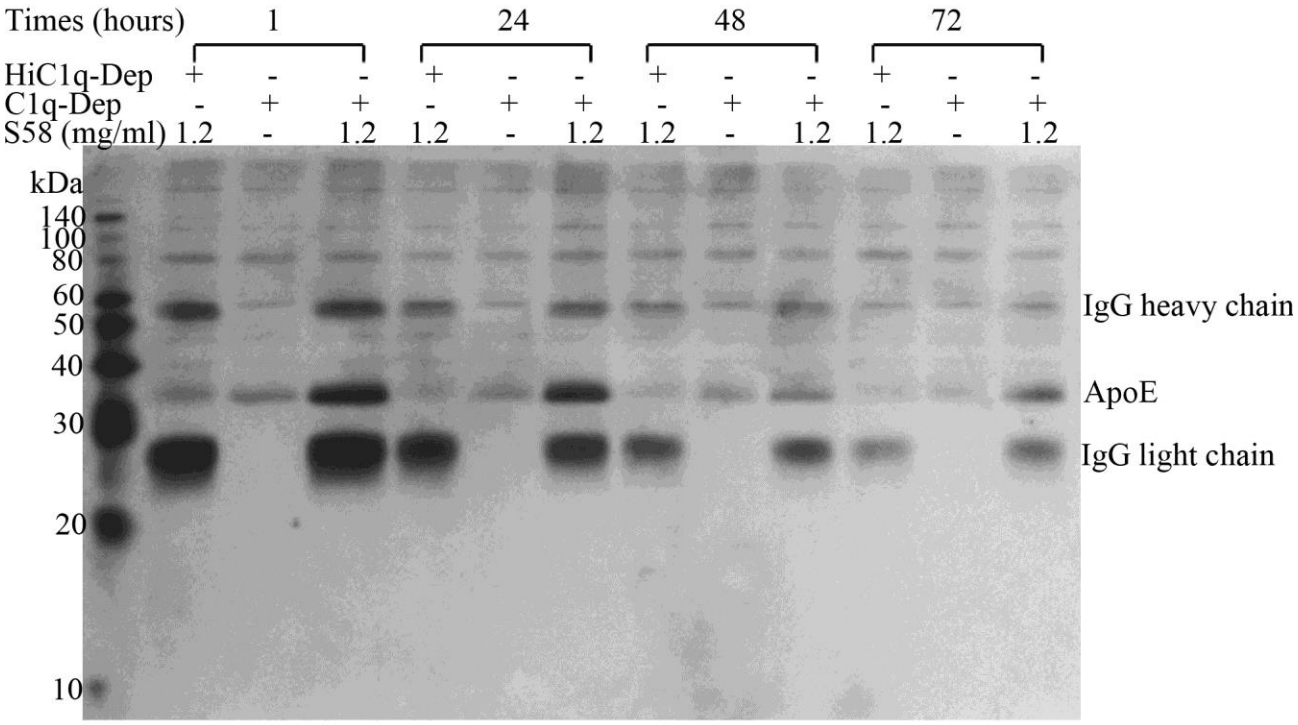

Figure S3. Full blot of figure 9A. RPE cells were primed with or without S58 (1.2 mg/ml) for 30 minutes and then treated with either 6% C1q-Dep or 6% HiC1q-Dep for 6 hrs. The media was then replaced with serum-free media. After media exchange, cultures were incubated for either 1, 24, 48 or 72 hrs. Total cellular lysate proteins (15 µg) were separated by SDS-PAGE.