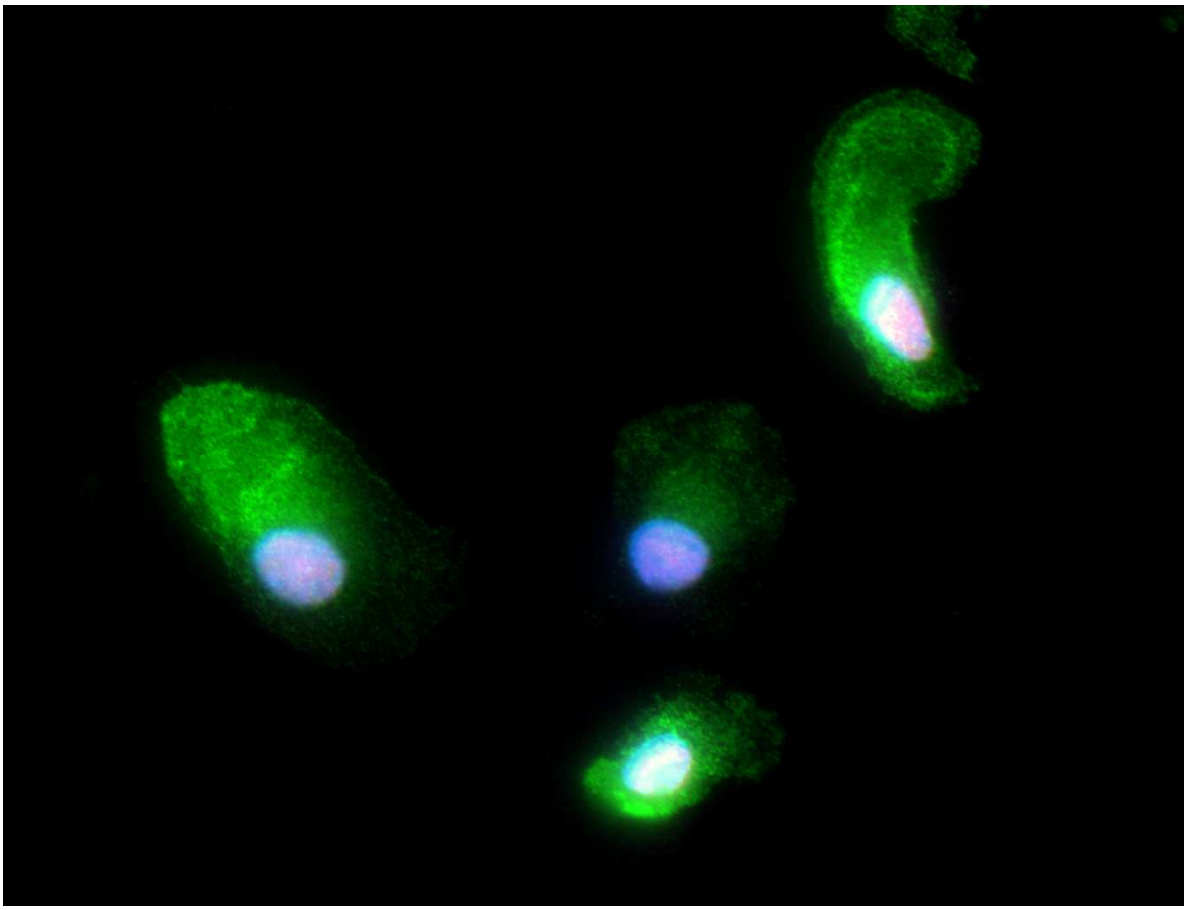
Alexa Fluor® 594 anti-SPI1 (PU.1) Antibody



Human peripheral blood mononuclear cell derived macrophages were fixed with 1% paraformaldehyde (PFA) for 10 minutes, permeabilized with 0.5% Triton X-100 for 10 minutes, and blocked with 5% FBS for 30 minutes. Then the cells were stained with 5 µg/ml of anti-human SPI1 (clone 7C6B05) Alexa Fluor® 594 (red) overnight at 4°C, followed by 10 µg/ml of CD11b Alexa Fluor® 488 (green) staining for 15 minutes at room temperature. Nuclei were counterstained with DAPI (blue). The image was captured with 60X objective.

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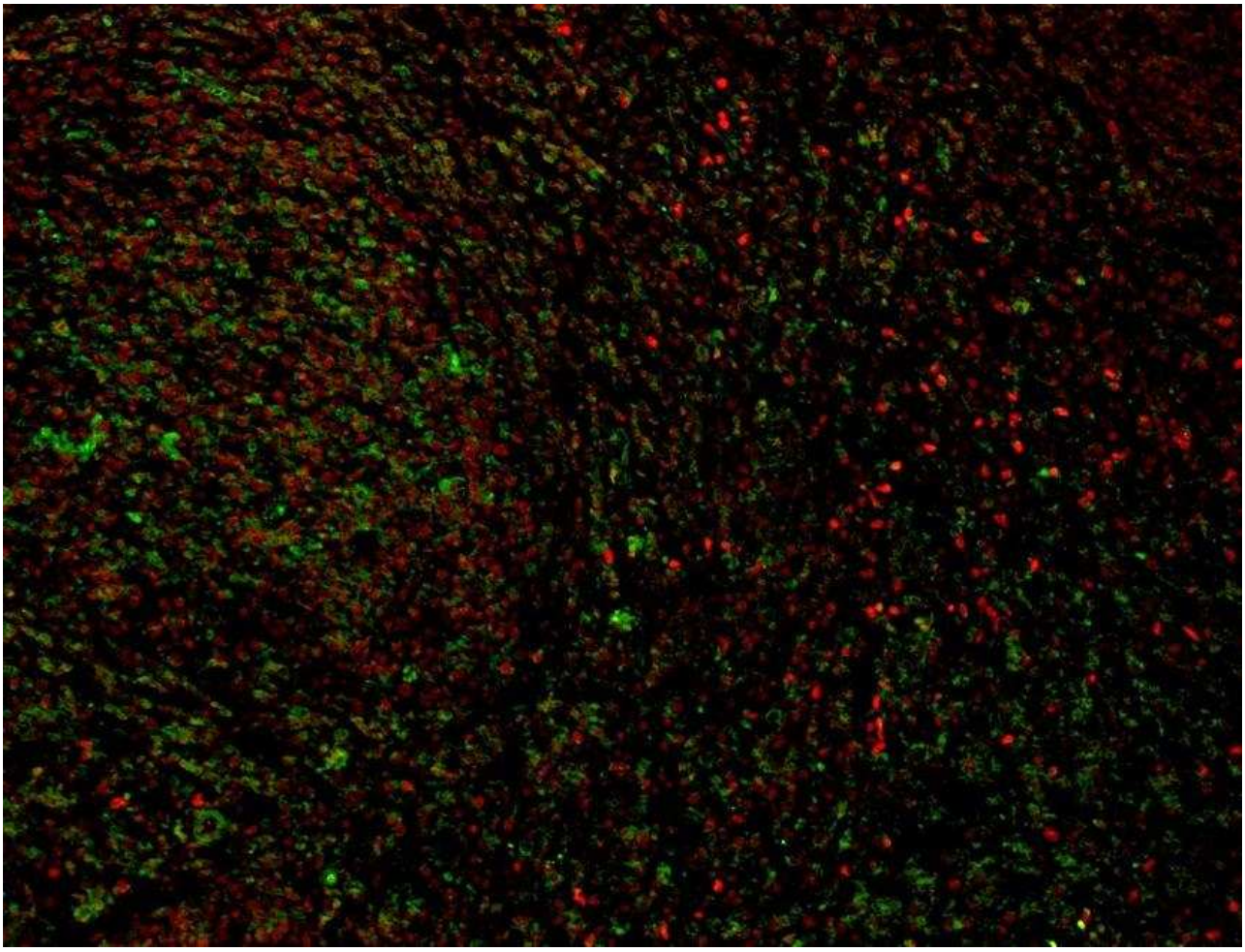

Human paraffin-embedded tonsil tissue slices were prepared with a standard protocol of deparaffination and rehydration. Antigen retrieval was done with Tris-Buffered Saline 20X (1.0M, pH7.4) at 95°C for 40 minutes. Tissue was washed with PBS/ 0.05% Tween20 twice for five minutes, permeabilized with 0.5% Trito-X 100 for ten minutes and blocked with 5% FBS and 0.2% Gelatin for 30 minutes. Then, the tissue was stained with 5 µg per ml of anti-human SPI1 (clone 7C6B05) Alexa Fluor® 594 (red) and anti-human CD45 (clone HI30) Alexa Fluor® 488 (green) at 4°C overnight. The image was captured with a 10X objective.