



Macrophages

Key cells involved in both adaptive and innate immunity

- ➤ Innate immunity: Phagocyte pathogens, secrete proinflammatory cytokines (IL-1, IL-6, IL-8, TNF™ that help recruit other immune cells. Also secrete NO, anti-microbial peptides, etc.
- ➤ Adaptive immunity: act as antigen presenting cells (APCs), presenting Ags through MHC class I and II, and activating CD8⁺ and CD4⁺T cells
- ➤ **Vector of infection**: Sometimes used by viruses for dissemination in the organism as well as to remain in a quiescent state



























