

White Blood Cells: Lymphocytes & Phagocytes

Lymphocyte

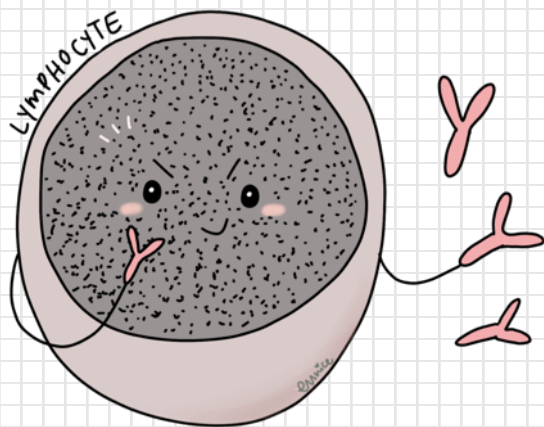
Function:

- Recognises antigens on surface of pathogens and produces antibodies which cause pathogens to clump together (makes it easier for ingestion by phagocytes)
- Produces antitoxins to neutralise toxins produced by some pathogens

Note: Antibodies and antitoxins produced by lymphocytes are specific to the antigen on the pathogen

Features:

- Large round nucleus
- Little non-granular cytoplasm



Phagocyte

Function:

- Engulfs and digests pathogens in a process called phagocytosis

Note: Phagocytes are non-specific in their action.

Features:

- Lobed nucleus
- Granular cytoplasm

