

**Unit 3 KA6:  
Specific Defence**

Complete the stages involved in the **clonal reproduction** of lymphocytes

Lymphocytes have \_\_\_ type of membrane receptor which is specific for \_\_\_ antigen on a pathogen.

Lymphocyte receptor binds to specific \_\_\_\_\_ on pathogen

Lymphocyte divides repeatedly forming a \_\_\_\_\_ population of identical lymphocytes.

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Two types of lymphocytes

Which type of lymphocyte produces **antibodies**?

Diagram of an **antigen – antibody complex**, labelling receptor binding sites on antibody

What process then destroys the pathogen?

2 differences in **antibody production** during secondary antigen exposure

- 1.
- 2.

Explain how **T Lymphocytes** destroy infected body cells

HIV attacks which body cells?

Resulting in which disease?

Blank area for notes or diagrams related to clonal reproduction.

Type of lymphocyte – B/T	Reaction	Attacks what antigen?	Example of condition
	Allergy		
	Auto immune disease		