

1. Which is not an antigen-presenting cell?

A. B-lymphocytes.

B. Dendritic Cells.

C. Macrophages

D. T-lymphocytes

2. The primary APCs that capture and present protein epitopes to naïve T4-lymphocytes and naïve T8-lymphocytes in order to activate these cells are :

- A. Dendritic Cells.
- B. Macrophages.
- C. B-lymphocytes.
- D. NK cells.

3. Capture and present protein epitopes to effector T4-lymphocytes. The effector T4-lymphocytes then produce cytokines that activate these cells to kill the microbes they have phagocytosed.

- A. Dendritic Cells.
- B. Macrophages.
- C. B-lymphocytes.
- D. NK cells.

4. Capture and present protein epitopes to effector T4-lymphocytes. The effector T4-lymphocytes then produce cytokines that activate these cells so they can proliferate and differentiate into antibody-secreting plasma cells.

- A. Dendritic Cells.
- B. Macrophages.
- C. B-lymphocytes.
- D. NK cells.

5. Dendritic cells use _____ to bind to _____ on naïve T4-lymphocytes.

- A. MHC-I with bound peptide epitope; TCR and CD4 molecules
- B. MHC-II with bound peptide epitope; TCR and CD4 molecules
- C. MHC-I with bound peptide epitope; BCR and CD4 molecules

6. Dendritic cells use _____ to bind to _____ on naïve T8-lymphocytes.

- A. MHC-I with bound peptide epitope; TCR and CD8 molecules
- B. MHC-II with bound peptide epitope; TCR and CD8 molecules
- C. MHC-I with bound peptide epitope; BCR and CD4 molecules

7. Infected cells and tumor cells use _____
to bind to _____ on cytotoxic T-
lymphocytes (CTLs).

- A. MHC-I with bound peptide epitope; TCR and CD8 molecules
- B. MHC-II with bound peptide epitope; TCR and CD8 molecules
- C. MHC-I with bound peptide epitope; BCR and CD4 molecules