The Body’s Defenses

The three lines of defense against pathogens

First line
1.

Second line
2.

Third line
3.

Examples
4.

5.

6.

Cells that identify pathogens and distinguish one from another are called
7. ________________

Cells that produce antibodies that help destroy the pathogens are called
8. ________________

Building Vocabulary

9. A marker molecule on a cell that the immune system uses to recognize a pathogen is called a(n) ________________________.

10. __________ is a disease caused by a virus that attacks the immune system.

11. A(n) ________________________ is a white blood cell that engulfs and destroys pathogens.

12. During the ________________________, blood vessels widen in the area affected by pathogens.

13. In the ________________________, the body reacts to each kind of pathogen with a defense targeted specifically for that pathogen.

14. A chemical that helps destroy a specific kind of pathogen by locking onto a specific marker molecules is called a(n) ________________________.

15. The type of white blood cell involved in the immune response is a(n) ________________________.