

What is the function of recognition proteins?

- A They allow water-soluble substances to move across the membrane.
- B They help cells in a tissue stay connected to one another.
- C They have sites where substances can bind.
- D They act like molecular fingerprints that identify a cell.

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Recognition proteins identify cells as being of a certain type. For example, your body cells bear self recognition proteins. Your infection-fighting white blood cells recognize these proteins and leave these cells alone.

Answer **D**.