

Cell Membrane only allows
select substances through.

That is called being semi-

permeable

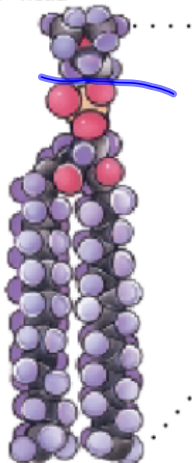
filter
firewall

Corn picker
club bouncer
screen door

Sep 30 - 9:09 AM

a This phospholipid
molecule . . .

Polar "head"



Nonpolar "tails"

This is a
phospholipid. It is
made up of a
phosphate group
and two fatty
acids.

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a This phospholipid molecule . . .

Polar "head"

Nonpolar "tails"

b . . . is part of a lipid bilayer.

c The lipid bilayer forms the framework of the cell membrane.

The non-polar ends are both on the inside because the water repels them.

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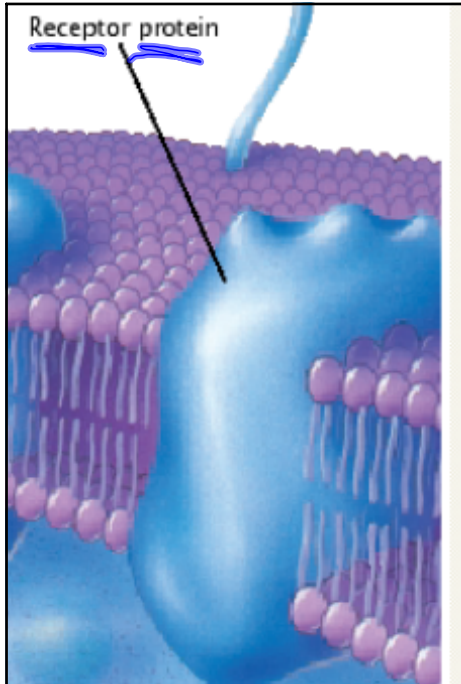
Marker protein

protein

Helps other cells recognize their cell type.

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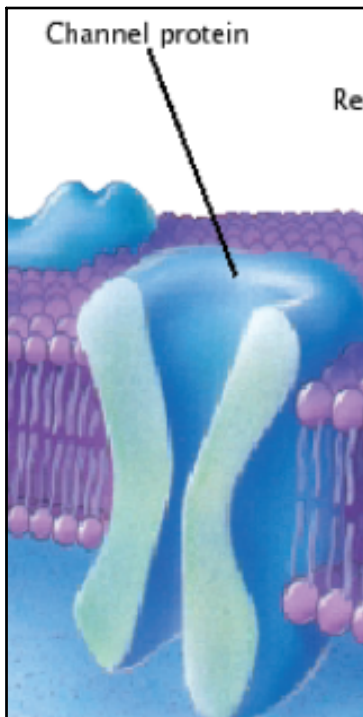
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Recognize and bond to specific substances or signals.

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Otherwise known as a transport protein helps the movement of substances into and out of the cell.

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