

Antibody

An antibody is a protein that fights germs like viruses and bacteria by latching onto and disabling them.

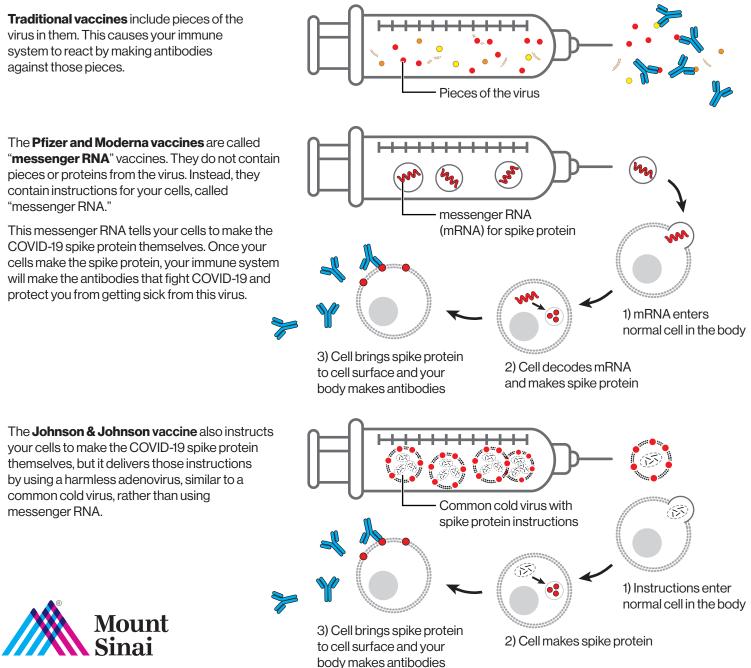
"S" Protein—Spike Protein

The spike protein is an important and recognizable part of the virus. When the immune system makes antibodies against the spike protein, they can disable the entire virus.

How do the COVID-19 vaccines work?

Vaccines expose us to pieces of either a bacteria or a virus. Our body mounts an immune response by making antibodies against those pieces. Antibodies are proteins that fight germs like viruses and bacteria by latching onto and disabling them. The goal is that our body will then recognize those pieces and use the antibodies to fight off any future exposure to the real bacteria or virus.

There are several different types of vaccines.



mountsinai.org/about/covid19/vaccine-information