

# Anti-SARS-CoV-2 Monoclonal Antibodies (mAb)

Our bodies naturally make antibodies to fight infection. mAbs are made in a lab and given to people directly through an intravenous (IV) infusion.

Monoclonal antibodies may help patients recover faster and keep patients from getting severely ill with COVID-19.



Supported by Regeneron

## WHEN THEY ARE USED

1. Used **to treat patients** with **mild to moderate COVID-19 infections**. Patients must be:
  - Positive for COVID-19
  - 12 years old or older
  - NOT requiring hospitalization
  - NOT requiring supplemental oxygen
2. **Following exposure** to COVID-19 in patients who are nonvaccinated, incompletely vaccinated, or immunocompromised

## HOW IT WORKS

- Blocks the virus that causes COVID-19 from attaching to cells in your body
- This makes it difficult for the virus to reproduce inside your body
- Also activates your immune system by helping target and kill the virus and infected cells

## INVESTIGATIONAL MEDICATIONS

- Available under an **emergency access** mechanism called an **EUA**
- Have not undergone the same type of review as an FDA-approved medicine
- But based on the totality of scientific evidence available, the benefits outweigh the known and potential risks, and there are no adequate, approved, and available alternatives

## TYPES

Two mAbs are approved against the Omicron variant in the United States:

- Sotrovimab
- Bebtelovimab

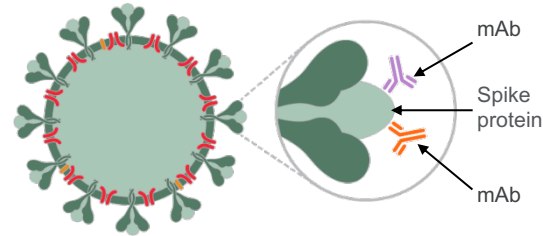
Other mAbs have been available before, but are not currently in use because of poor effectiveness against the Omicron variant:

- Bamlanivimab plus etesevimab
- Casirivimab plus imdevimab (REGEN-COV)

## HOW IS IT GIVEN?

- Given intravenously (through an IV)
- Time to deliver infusion is typically less than 1-2 hours

SARS-CoV-2 Virus



mAbs bind to the spike protein of the virus

## FAQ ABOUT mAb

### HOW SOON SHOULD mAb BE GIVEN?

- Must be given **within 10 days** of exposure or first symptoms of COVID-19
- But the sooner the better

### WHERE ARE mABs OFFERED?

- At infusion centers, urgent care clinics, and emergency rooms
- Contact your doctor for sites in your area

### CAN I STILL GET VACCINATED?

- YES! But according to the CDC, you should wait 90 days after mAb treatment before getting vaccinated