

# Normal Mouse Serum

*Filtered*

## Product Information

**Product No.:** S5001

**Storage:** -20° to -80°C

## Product Description

### Background:

Normal mouse serum is used in research for preventing unwanted antibody interactions during tissue and cell staining experiments.

### It blocks two main issues:

- 1) **Fc receptor binding:** The serum blocks Fc receptors on the sample from attaching to the primary and secondary antibodies used in the experiment.
- 2) **Non-specific antibody binding:** It also prevents the antibodies themselves from sticking to irrelevant parts of the sample.

### What to look for when choosing a blocking serum:

- 1) **Species matters:** The serum typically comes from a different animal species than the one used to create the primary antibody
- 2) **Secondary antibody consideration:** Often, the blocking serum is derived from the same species as the secondary antibody.

### This serum can be used in two ways:

- 1) **Direct application:** The serum is applied directly to the sample for blocking.
- 2) **Blocking buffer component:** The serum can be incorporated into a solution specifically designed for blocking, called a blocking buffer.

### Format:

Filtered Normal Serum

### Formulation

Whole normal serum from unimmunized animals of mixed sex. Does not contain any preservatives or anticoagulants.

### Storage and Stability

Store at -20°C or -80°C.

### Country of Origin

USA