

Product Datasheet

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Normal Goat Serum (Filtered)

Normal Serum

Product Information

Product No.: S5003

Product Description

Background:

Normal goat 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

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

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