

Antigen: Understanding the Key to Immune Response

Antigens, which trigger the body's immune response, are substances that the immune system recognizes as potential threats. These include pathogens, toxins, and non-living particles. Antigens play a pivotal role in initiating the activation of specialized immune cells and the production of antibodies, leading to the eradication or neutralization of the invading agents. This abstract provides an overview of antigens, their types, and applications of antigen-based approaches in medicine.

