Short Review	Thematic Section: Biochemical Research.
Reference Object Identifier – ROI: jbc-02/16-46-6-24	Subsection: Biochemistry of the Antibodies.

Article based on the report at the conference "Modern problems of chemical technology of biologically active substances." D.I. Mendeleev MUCTR. 26.05.2016.

Publication is available for discussion in the framework of the on-line Internet conference "*Butlerov readings*". http://butlerov.com/readings/
Submitted on June 23, 2016.

## Preparation and detection of antibodies of various modifications

## © Alexandra N. Agafonova,\*\* and Yury A. Leykin

Department of Biotechnologies. Russian University of Chemical Technology Name after D.I. Mendeleev. Heroev Panfilovcev St., 20. Moscow, 125480. Russia. E-mail: fotogenic@mail.ru

*Keywords:* antibody, antigen, recombinant antibody, a monoclonal antibody, an enzyme immunoassay.

## **Abstract**

This article describes how to obtain and detecting antibodies in various versions, which are used in vaccines for the treatment of drug addiction. There are two main modifications of antibodies: recombinant and monoclonal. They discover using immunochemical analysis techniques such as 'sandwich' method of indirect ELISA and direct ELISA. Peculiarities of conducting immunological analysis techniques presented.

<sup>\*</sup>Supervising author; \*Corresponding author