

# Review: Learning Objectives

At the end of this module, the student will be able to...

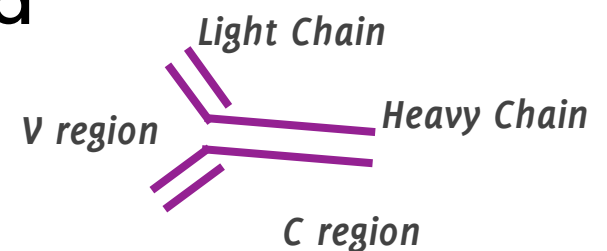
1. Describe the basic workup for patients with suspected immunodeficiencies

2. Identify the stages of B cell development

3. To compare and contrast the mechanisms of B cell maturation and activation including V(D)J recombination and class switch recombination

4. Describe the general effector mechanisms of antibodies

5. Compare and contrast the effector function of specific Ig isotypes



Remember: this is a quick high-yield review to refresh your knowledge of immunology basic science. Further details can be found in your [textbook](#).

# Index

If you would like to learn more or review any particular topic, the links below will take you to a text-based review of these concepts, or to the correlating video. You may also skip ahead to the post-module assessment.

## [Video 1 of 5 Antibodies & Isotypes](#)

[What do antibodies do?](#)

[Why are there different isotypes?](#)

## [Video 2 of 5 Lymphocyte Development](#)

[How do B cells develop?](#)

[How do B cells become antigen-specific?](#)

## [Video 3 of 5 B Cell Activation](#)

[How are B cells activated?](#)

[How do B cells differentiate?](#)

[How do B cells change the antibody isotype?](#)

[How do B cells acquire memory?](#)

## [Video 4 of 5 Immunodeficiencies](#) [What happens if something goes wrong?](#)

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## [Video 5 of 5 Immunodeficiencies](#) [What happens if something goes wrong?](#)

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