

#### Anti-IL-6 / IFNb2 Reference Antibody (clazakizumab) Recombinant Antibody Catalog # APR10716

#### Specification

## Anti-IL-6 / IFNb2 Reference Antibody (clazakizumab) - Product Information

Application Primary Accession Reactivity Clonality Isotype Calculated MW FC, E, FTA <u>P05231</u> Cynomolgus, Human, Mouse Monoclonal IgG1 145.24 KDa

## Anti-IL-6 / IFNb2 Reference Antibody (clazakizumab) - Additional Information

Target/Specificity IL-6 / IFNb2

**Endotoxin** < 0.001EU/ μg,determined by LAL method.

Conjugation Unconjugated

Expression system CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

#### Anti-IL-6 / IFNb2 Reference Antibody (clazakizumab) - Protein Information

Name IL6 (HGNC:6018)

Synonyms IFNB2

Function

Cytokine with a wide variety of biological functions in immunity, tissue regeneration, and metabolism. Binds to IL6R, then the complex associates to the signaling subunit IL6ST/gp130 to trigger the intracellular IL6-signaling pathway (Probable). The interaction with the membrane-bound IL6R and IL6ST stimulates 'classic signaling', whereas the binding of IL6 and soluble IL6R to IL6ST stimulates 'trans- signaling'. Alternatively, 'cluster signaling' occurs when membrane- bound IL6:IL6R complexes on transmitter cells activate IL6ST receptors on neighboring receiver cells (Probable).

Cellular Location Secreted.



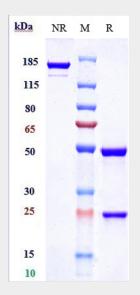
**Tissue Location** Produced by skeletal muscle.

# Anti-IL-6 / IFNb2 Reference Antibody (clazakizumab) - Protocols

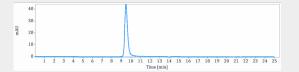
Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

## Anti-IL-6 / IFNb2 Reference Antibody (clazakizumab) - Images



Anti-IL-6 / IFNb2 Reference Antibody (clazakizumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-IL-6 / IFNb2 Reference Antibody (clazakizumab)is more than 100% ,determined by SEC-HPLC.