

### 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, Kinetics, Animal Model

P05231

Human, Mouse Monoclonal

IqG1

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 (<u>HGNC:6018</u>)

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.



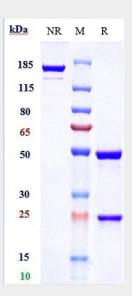
**Tissue Location**Produced by skeletal muscle.

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

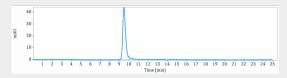
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# 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.