

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

**Specification**

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

Application	FC, Kinetics, Animal Model
Primary Accession	<a href="#">P05231</a>
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	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.

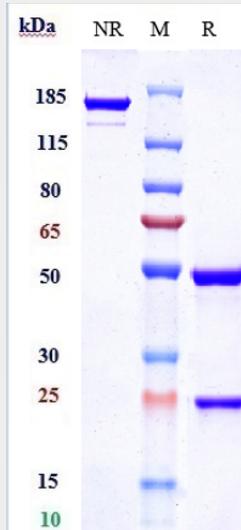
**Tissue Location**

Produced by skeletal muscle.

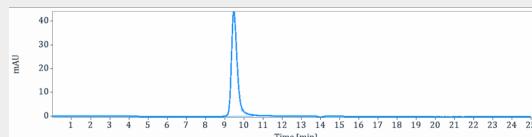
**Anti-IL-6 / IFNb2 Reference Antibody (clazakizumab) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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.