

Anti-IL-6 / IFNb2 Reference Antibody (ziltivekimab)

Recombinant Antibody Catalog # APR10604

Specification

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

Application FC, E, FTA
Primary Accession P05231
Reactivity Human
Clonality Monoclonal
Isotype IgG1
Calculated MW 145 KDa

Anti-IL-6 / IFNb2 Reference Antibody (ziltivekimab) - 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 (ziltivekimab) - 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.



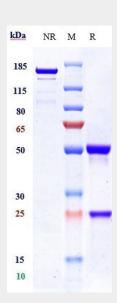
Tissue LocationProduced by skeletal muscle.

Anti-IL-6 / IFNb2 Reference Antibody (ziltivekimab) - Protocols

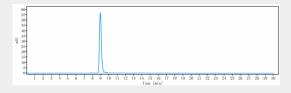
Provided below are standard protocols that you may find useful for product applications.

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

Anti-IL-6 / IFNb2 Reference Antibody (ziltivekimab) - Images



Anti-IL-6 / IFNb2 Reference Antibody (ziltivekimab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-IL-6 / IFNb2 Reference Antibody (ziltivekimab)is more than 95% ,determined by SEC-HPLC.