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Anti-IL-6 / IFNb2 Reference Antibody (Merck patent anti-IL-6)

Recombinant Antibody
Catalog # APR10959

Specification

Anti-IL-6 / IFNb2 Reference Antibody (Merck patent anti-IL-6) - Product Information

Application	**FC, E, FTA**
Primary Accession	P05231
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**146.2 KDa**

Anti-IL-6 / IFNb2 Reference Antibody (Merck patent anti-IL-6) - 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 (Merck patent anti-IL-6) - 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.

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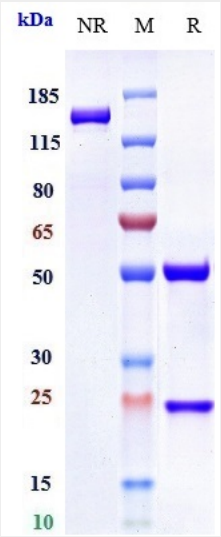
Tissue Location
Produced by skeletal muscle.

Anti-IL-6 / IFNb2 Reference Antibody (Merck patent anti-IL-6) - Protocols

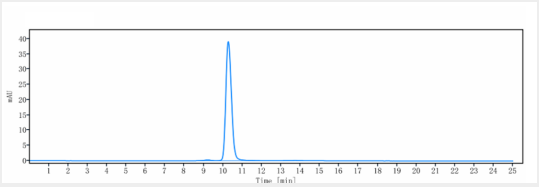
Provided below are standard protocols that you may find useful for product applications.

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

Anti-IL-6 / IFNb2 Reference Antibody (Merck patent anti-IL-6) - Images



Anti-IL-6 / IFNb2 Reference Antibody (Merck patent anti-IL-6) 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 (Merck patent anti-IL-6)is more than 95% ,determined by SEC-HPLC.