Recombinant IL-6 (Interleukin-6) / Interferon beta-2 Antibody

Rabbit Monoclonal Antibody [Clone IL6/17289R]

Catalog No	Format	Size
3569-RBM32-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug
3569-RBM32-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3569-RBM32-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug

Applications	Tested Dillution	Note

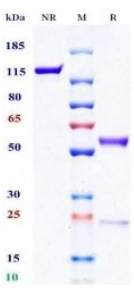
Product Details

Clone	IL6/17289R
Gene Name	IL-6
Immunogen	Recombinant fragment (around aa1-200) of human IL-6 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	21kDa
Cellular Localization	Cytoplasm. Extracellular (Secreted).
Species Reactivity	Human
Positive Control	Human heart or adrenal gland. Stimulated peritoneal macrophages.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant IL-6 (Interleukin-6) / Interferon beta-2 Antibody

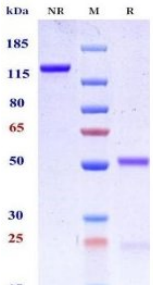
Purity: SDS-PAGE



SDS-PAGE under non-reducing (NR) and reducing (R) conditions. The gel was stained with Coomassie Blue. The purity of the protein is 96%.

SDS-PAGE Analysis of Purified IL-6 Recombinant Rabbit Antibody (IL6/17291R). Confirmation of Purity and Integrity of Antibody.

Purity: SDS-PAGE



SDS-PAGE under non-reducing (NR) and reducing (R) conditions. The gel was stained with Coomassie Blue. The purity of the protein is 96%.

SDS-PAGE Analysis of Purified Recombinant Interleukin-6 / IL6 Rabbit Monoclonal Antibody (IL6/17289R). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

IL-6 is a potent lymphoid cell growth factor that stimulates the growth and survivability of certain B-cells and T-cells. It plays a critical role in B-cell differentiation to plasma cells and is a potent growth factor for plasmacytoma and myeloma. IL-6 is produced by a variety of cell types, including monocytes, fibroblasts and endothelial cells. Upon stimulation, macrophages, T, B, mast, and glial cells, eosinophils, keratinocytes and granulocytes also secrete IL-6.It is involved in host defense, acute phase reactions, immune responses, and hematopoiesis.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C.Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

AKT Signaling, Cardiovascular, Colon Cancer, Cytokine Signaling, Dendritic Cell Marker, Hematopoietic Stem Cells, Immunology, Infectious Disease, Mesenchymal Stem Cell Differentiation, Neuroinflammation, Signal Transduction, Stem Cell Differentiation, Transcription Factors

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.