

Mouse Anti-Rat Interleukin 17 (IL17) Monoclonal Antibody

Cat. No.: VD2N212

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic mouse monoclonal antibody is specific for rat interleukin 17. It is affinity purified by protein A and protein G . It can be applied to WB, IHC, ICC and IP assays of rat interleukin 17.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Monoclonal
Classification	Primary Antibody
Clone	A19N24
Host	Mouse
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Interleukin 17
Isotype	IgG1
Immunogen	Recombinant protein of rat interleukin 17
Purification	Purified by Protein A and Protein G
Concentration	0.65 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline, pH 7.4, with 50% Glycerol
Physical State	Liquid

Target Information

Rat Interleukin17 (IL17) is a pro-inflammatory cytokine produced by activated T cells, particularly Th17 cells. It plays a critical role in immune responses by promoting the recruitment and activation of neutrophils and macrophages. IL-17 induces the production of

various chemokines and cytokines, such as IL-6 and IL-8, enhancing local inflammation. It also stimulates the expression of adhesion molecules on endothelial cells, facilitating the migration of immune cells. In rats, IL-17 is involved in host defense against extracellular pathogens and has been implicated in autoimmune and inflammatory diseases.

Target	Rat Interleukin 17
Target Synonym	IL17A; CTLA8; IL-17A; Cytotoxic T-Lymphocyte-Associated Protein 8
Gene ID	26266
UniProt ID	Q13157

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 2 years). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.