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Certificate of Analysis and Data Sheet

RAT ANTI MOUSE INTERLEUKIN-17: Biotin

Catalog No.
DS-MB-01624

Target Species
Mouse

Isotype
IgG1

Specificity

DS-MB-01624 recognizes mouse Interleukin 17, a 32 kDa disulfide-linked homodimer consisting of two 136 amino acid chains, which belong to the IL-17 family (classified as IL-17A to IL-17F), and signal through the IL-17 receptor (IL-17R/CDw217).

IL-17 is produced primarily by activated CD4⁺ T cells and induces a variety of target cells to secrete inflammatory cytokines, including IL-1 β , IL-6, TNF α , IFN γ and granulocyte colony-stimulating factor, as well as synergizing with other inflammatory cytokines and agonists. The role of IL-17 in bone metabolism has become a focus area for studies into Rheumatoid Arthritis, in which levels of IL-17 are significantly increased and may contribute to bone destruction.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG conjugated to Biotin - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium azide

Approx. Protein Concentrations: 0.5 mg/ml

Storage

Store at 4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 12 months from date of dispatch.

Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	•			

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.