



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

RAT ANTI MOUSE INTERLEUKIN-17

With HRP-conjugated Secondary Antibody

Catalog No.	Target Species	Isotype
DS-MB-01625	Mouse	IgG1

Specificity

DS-MB-01625 recognizes mouse Interleukin 17, a 32 kDa disulfide-linked homodimer consisting of two 136 amino acid chains, which belongs to the IL-17 family (classified as IL-17A to IL-17F), and signals 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 - liquid

Buffer Solution: Borate buffered saline

Preservative Stabilizers: None present

Approx. Protein Concentrations: 0.5 mg/ml

Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	•			
Western Blotting	•			
Flow Cytometry	•			

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.



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Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5,000-1:10,000

Storage

Store at -20°C only.

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.

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