

Datasheet: 1021501

BATCH NUMBER 157549

Description:	RAT ANTI MOUSE INTERLEUKIN-17
Specificity:	IL-17
Other names:	IL-17A
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	TC11-18H10
Isotype:	IgG1
Quantity:	0.5 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			
ELISA	▪			
Western Blotting	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Mouse
Product Form	Purified IgG - liquid
Buffer Solution	Borate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
RRID	AB_618680

Specificity **Rat anti Mouse interleukin-17 antibody, clone TC11-18H10** recognises 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-1beta, IL-6, TNF-alpha, IFN-gamma 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.

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.

Guarantee Guaranteed until date of expiry. Please see product label.

Health And Safety Information Material Safety Datasheet documentation #10123 available at: <https://www.bio-rad-antibodies.com/SDS/1021501>
10123

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Rat IgG (STAR16...)	DyLight@800
Rabbit Anti Rat IgG (STAR17...)	FITC
Goat Anti Rat IgG (STAR72...)	HRP
Goat Anti Rat IgG (STAR69...)	FITC
Goat Anti Rat IgG (STAR73...)	RPE
Rabbit Anti Rat IgG (STAR21...)	HRP
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...)	DyLight@550 , DyLight@650 , DyLight@800
Goat Anti Rat IgG (STAR131...)	Alk. Phos. , Biotin

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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Printed on 18 Jan 2024