

## Datasheet: AAM60B

<b>Description:</b>	RABBIT ANTI MOUSE INTERLEUKIN-17:Biotin
<b>Specificity:</b>	IL-17
<b>Other names:</b>	IL-17A
<b>Format:</b>	Biotin
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µg

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			0.25 - 1.0ug/ml
Immunoprecipitation			■	
Western Blotting	■			0.1 - 0.2ug/ml

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.

<b>Target Species</b>	Mouse
<b>Product Form</b>	Purified IgG conjugated to Biotin - lyophilised
<b>Reconstitution</b>	Reconstitute with 0.5ml sterile PBS containing 0.1% bovine serum albumin Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.
<b>Antiserum Preparation</b>	Antiserum to mouse IL-17 were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	IgG concentration 0.1mg/ml after reconstitution

**Immunogen** Recombinant mouse IL-17

**External Database  
Links**

**UniProt:**

[Q62386](#) [Related reagents](#)

**Entrez Gene:**

[16171](#) IL17a [Related reagents](#)

**Synonyms**

Ctla8, IL17

**Specificity**

**Rabbit anti Mouse Interleukin-17 antibody** recognizes mouse interleukin-17 (IL-17/IL-17A), a disulfide-linked homodimer and member of the IL-17 family, secreted primarily by activated CD4<sup>+</sup> T cells, which signals through the IL-17 receptor (IL-17R).

IL-17 induces a variety of target cells to secrete inflammatory cytokines, including IL-1beta, IL-6, TNFalpha, IFNgamma and granulocyte colony-stimulating factor, as well as synergizing with other inflammatory cytokines and agonists. Increased levels of IL-17 are detectable during transplant rejection, and also during rheumatoid arthritis, possibly contributing to bone destruction.

**ELISA**

This product may be used in a direct ELISA or as a detection reagent in a sandwich ELISA together with [a purified mouse IL-17 antibody](#) (AAM60) as the capture reagent.

**Storage**

Prior to reconstitution store at +4°C.

After reconstitution store at -20°C.

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 reconstitution.

**Health And Safety  
Information**

Material Safety Datasheet documentation #10162 available at:  
10162: <https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf>

**Regulatory**

For research purposes only

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