

Product: Rabbit anti-Guinea Pig IL-17 antibody

Catalog Number: 500016

Clone ID: RA0049

Antibody Clonality: Monoclonal

Host Species: Rabbit

Immunogen:

Production Method: Recombinant antibody expressed in HEK293 cells and purified with Protein A affinity chromatography.

Lot Number: As specified on each product

Size: 100 ug. Other sizes available upon request.

Concentration and Buffer: 0.5mg/ml in PBS, pH 7.4 unless otherwise stated.

Preservative: None unless specified.

Storage: 4°C. For long term storage (over two months), freeze in aliquots at -20 °C and avoid multiple freeze-thaw cycles.

Country of Origin: USA

Note: For *in vitro* research use only. Not for diagnostic or therapeutic use.

Description:

IL-17 is a family of homodimeric cytokines produced by a subset of CD4+ T cells called Th17 cells [1]. It has pro-inflammatory function and plays important roles in autoimmune diseases, most notably in psoriasis and asthma [1][2].

Recommended Usage:

For ELISA and Western Blot, 0.1ug/ml to 0.5ug/ml of rabbit monoclonal antibody is a good starting point. Optimal concentration of antibodies should be tested under individual experiment conditions.

References:

- [1] J. K. Kolls and A. Lindén, "Interleukin-17 family members and inflammation," *Immunity*, vol. 21, no. 4, pp. 467–476, Oct. 2004, doi: 10.1016/j.immuni.2004.08.018.
- [2] Y. Hu, F. Shen, N. K. Crellin, and W. Ouyang, "The IL-17 pathway as a major therapeutic target in autoimmune diseases," *Ann. N. Y. Acad. Sci.*, vol. 1217, pp. 60–76, Jan. 2011, doi: 10.1111/j.1749-6632.2010.05825.x.