

Rabbit anti-Mouse IL-17A mAb (DET)

Catalog No.: RM17905

Basic Information

Catalog No.
RM17905

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.
Preservative □ 0.05% ProClin 300.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS with 0.05% ProClin 300, PH 7.4.

Contact

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Background

Mouse IL-17A is an approximately 40 kDa, secreted, disulfide-linked heterodimeric glycoprotein comprised of two members of the IL-17 family of cytokines, IL-17A and IL-17F. Members of this family demonstrate a structural motif termed a cysteine knot that also characterizes a large superfamily of growth factors. Although most cysteine knot superfamily members use three intrachain disulfide bonds to create a knot, IL-17 family molecules generate the same structural form with only two disulfide links. Mouse IL-17A is synthesized as a 158 amino acid (aa) precursor that contains a 25 aa signal sequence and a 133 aa mature chain. The mature chain contains one potential site for N-linked glycosylation. Mouse IL-17F is synthesized as a 161 aa precursor with a 29 aa signal sequence and a 132 aa mature chain. Like IL-17A, the mature chain of IL-17F contains one potential site for N-linked glycosylation. IL-17A and IL-17F share 50% aa sequence homology and are syntenic, both located at the A4 region of mouse chromosome 1. Mouse IL-17A and IL-1...

Immunogen Information

Immunogen
Recombinant Mouse IL-17A protein

Cross-Reactivity

No cross-reactivity in ELISA assay with recombinant Mouse. GM-CSF, Mouse IL-1a, Mouse IL-1a, Mouse IL-2, Mouse IL-4, Mouse IL-5, Mouse IL-6, Mouse IL-9 □ Mouse IL-10 □ Mouse IL-12 □ Mouse Leptin □ Mouse TNF-α □ Mouse IL-1β □ Human IL-17

Assay Applications

Mouse IL-17A Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.25-1ug/mL	Rabbit anti-Mouse IL-17A (CAP)(Cat. No.RM17904)
ELISA Detection	0.0025-0.01ug/mL	Rabbit anti-Mouse IL-17A (DET)(Cat. No.RM17905)
Standard	15.63-1000pg/mL	Recombinant Mouse IL-17A Protein

