

# Monoclonal antibody to Mouse Interleukin-17A

FOR NEUTRALIZATION

<b>Antibody:</b>	TC11-18H10
<b>Product code:</b>	3521-0N-500
<b>Quantity:</b>	500 µg
<b>Immunogen:</b>	Recombinant mouse IL-17
<b>Isotype:</b>	Rat IgG1
<b>Specificity:</b>	Native and recombinant mouse IL-17A
<b>Concentration:</b>	0.5 mg/ml
<b>Buffer:</b>	Supplied in sterile filtered (0.2 µm) PBS. Contains no preservatives. The endotoxin content in the product is below 10 EU/mg.
<b>Purification:</b>	Purified from <i>in vitro</i> cultures by protein G affinity chromatography.
<b>Storage:</b>	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing.
<b>Applications:</b>	Neutralization of mouse IL-17A bioactivity. It is recommended to establish the optimal antibody concentration for the assay system used.
<b>References:</b>	<p>He D., et al. IL-17 Promotes tumor Development through the Induction of Tumor promoting Microenvironments at Tumor Sites and Myeloid-Derived Suppressor Cells. <i>J. Immunol.</i> 184: 2281-2288. 2010.</p> <p>Mangalam A., et al. HLA-DQ8 (DQB1*0302)-Restricted Th17 Cells Exacerbate Experimental Autoimmune Encephalomyelites in HLA-DR3-Transgenic Mice. <i>J. Immunol.</i> 182: 5131-5139. 2009.</p> <p>Yen D., et al. IL-23 is essential for T-cell mediated colitis and promotes inflammation via IL-17 and IL-6. <i>J. Clin. Invest.</i> 116: 1310-1316. 2006.</p>

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