

# Monoclonal antibody to Mouse Interleukin-5

<b>Antibody:</b>	TRFK5
<b>Product code:</b>	3391-3N-500
<b>Quantity:</b>	500 µg
<b>Immunogen:</b>	Mouse IL-5
<b>Isotype:</b>	Rat IgG1
<b>Specificity:</b>	Native and recombinant mouse IL-5. Native and recombinant human IL-5.
<b>Concentration:</b>	1 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-5 and human IL-5 bioactivity. It is recommended to establish the optimal antibody concentration for the assay system used. The antibody is also suitable for immunoassays.
<b>References:</b>	<p>Stathopoulos GT, et al. Host-derived interleukin-5 promotes adenocarcinoma-induced malignant pleural effusion. <i>Am. J. Respir. Crit. Care Med.</i> 182: 10, 2010.</p> <p>McKee AS, et al. Alum induces innate immune responses through macrophage and mast cell sensors, but these sensors are not required for alum to act as an adjuvant for specific immunity. <i>J. Immunol.</i> 183: 7, 2009.</p> <p>Eum SY, et al. Eosinophil recruitment into the respiratory epithelium following antigenic challenge in hyper-IgE mice is accompanied by interleukin 5-dependent bronchial hyperresponsiveness. <i>Proc. Natl. Acad. Sci. U S A</i> 92: 26, 1995.</p>

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Developed and manufactured by MABTECH AB, Sweden, whose quality management system complies with the standards ISO 9001:2015 & ISO 13485:2016.

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