

# Monoclonal antibody to Human Interleukin-13

FOR NEUTRALIZATION

<b>Antibody:</b>	5A2
<b>Product code:</b>	3470-0N-500
<b>Quantity:</b>	500 µg
<b>Immunogen:</b>	Recombinant human IL-13
<b>Isotype:</b>	Rat IgG1
<b>Specificity:</b>	Native and recombinant human IL-13. Cross-reacts with native IL-13 from rhesus and cynomolgus macaques and common marmosets. Cross-reactivity has been tested in ELISA and/or ELISpot. Please contact Mabtech for information on reactivity with other monkey species.
<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 human IL-13 bioactivity. It is recommended to establish the optimal antibody concentration for the assay system used.
<b>References:</b>	<p>Akdis M, et al. Skin homing (cutaneous lymphocyte-associated antigen-positive) CD8+ T cells respond to superantigen and contribute to eosinophilia and IgE production in atopic dermatitis. <i>J. Immunol.</i> 163: 1, 1999.</p> <p>Punnonen J, et al. The relative contribution of IL-4 and IL-13 to human IgE synthesis induced by activated CD4+ or CD8+ T cells. <i>J. Allergy Clin. Immunol.</i> 100: 6, 1997.</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.