

# Monoclonal Antibody to Mouse IgE

BIOTINYLATED

<b>Antibody:</b>	MT44E
<b>Product code:</b>	3815-6-1000
<b>Quantity:</b>	1000 µg
<b>Immunogen:</b>	Mouse IgE
<b>Isotype:</b>	Rat IgG2b
<b>Specificity:</b>	Mouse IgE. The antibody is specific for mouse IgE allotypes IgE <sup>a</sup> (allotype a) and IgE <sup>b</sup> (allotype b).
<b>Concentration:</b>	Supplied at 0.5 mg/ml in sterile filtered (0.2 µm) PBS with 0.02% sodium azide.
<b>Purification:</b>	Purified from <i>in vitro</i> cultures by protein G affinity chromatography.
<b>Biotinylation:</b>	Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.
<b>Storage:</b>	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing. The expiry date indicates how long unopened products, stored according to instructions, are recommended for use.
<b>Applications:</b>	<p>For quantification of IgE in serum, plasma and cell culture supernatants using ELISA and for enumeration of IgE producing cells using ELISpot. The antibody is also suitable for Western blot.</p> <p><b>IgE detection:</b> In ELISA and ELISpot, MT44E is recommended as detection mAb in combination with coating mAb MT56E (product code 3815-3)</p> <p><b>IgE<sup>a</sup> (allotype a) detection:</b> In ELISA and ELISpot, MT44E is recommended as detection mAb in combination with IgE<sup>a</sup> (allotype a) specific coating mAb MT18E (product code 3816-3).</p>
<b>Protocols:</b>	Please contact Mabtech for ELISpot and ELISA protocols.

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