

Monoclonal Antibody to Mouse IgE

BIOTINYLATED

Antibody:	MT44E
Product code:	3815-6-250
Quantity:	250 µg
Immunogen:	Mouse IgE
Isotype:	Rat IgG2b
Specificity:	Mouse IgE. The antibody is specific for mouse IgE allotypes IgE ^a (allotype a) and IgE ^b (allotype b).
Concentration:	Supplied at 0.5 mg/ml in sterile filtered (0.2 µm) PBS with 0.02% sodium azide.
Purification:	Purified from <i>in vitro</i> cultures by protein G affinity chromatography.
Biotinylation:	Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.
Storage:	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.
Applications:	<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>IgE detection: In ELISA and ELISpot, MT44E is recommended as detection mAb in combination with coating mAb MT56E (product code 3815-3)</p> <p>IgE^a (allotype a) detection: In ELISA and ELISpot, MT44E is recommended as detection mAb in combination with IgE^a (allotype a) specific coating mAb MT18E (product code 3816-3).</p>
Protocols:	Please contact Mabtech for ELISpot and ELISA protocols.

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Note; for research use only.
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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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