

# Monoclonal antibody to Human IgA

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| <b>Antibody:</b>      | MT57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Product code:</b>  | 3860-3-250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Quantity:</b>      | 250 µg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen:</b>     | Native human IgA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Isotype:</b>       | Rat IgG2a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Specificity:</b>   | Fc part of native human IgA. Cross-reacts with native IgA from rhesus and cynomolgus macaques. Please contact Mabtech for reactivity with other monkey species.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <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>Storage:</b>       | Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Applications:</b>  | For quantification of human and monkey IgA in serum, plasma or cell culture supernatants using ELISA and for enumeration of IgA (total and antigen-specific) producing cells using ELISpot. Human IgA: In ELISA, MT57 is recommended as coating mAb in combination with ALP-conjugated detection mAb MT20 (product code 3860-9A). In ELISpot, MT57 is recommended as coating mAb in combination with biotinylated detection mAb MT20 (product code 3860-6). Monkey IgA: In ELISA and ELISpot MT57 is recommended as coating mAb in combination with anti-human IgA-biotin (product code 3830-4). |
| <b>Protocols:</b>     | Please contact Mabtech for ELISpot and ELISA protocols.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



Note; for research use only.

Mabtech shall not be liable for the use or handling of the product or for consequential, special, indirect or incidental damages therefrom.



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