# IgE Antibody – Mouse Monoclonal

## PRODUCT OVERVIEW

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| **Product Name** | IgE, Monoclonal Antibody |
| **Full Product Name** | MOUSE ANTI DOG IgE:Biotin |
| **Product Gene Name** | anti-IgE antibody |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Clone Number** | E6-71A1 |
| **Host** | Mouse |
| **Form/Format** | Biotin<br>Purified IgG conjugated to Biotin - liquid |
| **Concentration** | IgG concentration 1.0 mg/ml (lot specific) |
| **Specificity** | IgE<br><br>Mouse anti Dog IgE antibody, clone E6-71A1 recognizes canine IgE E6-2A1 does not cross react with dog IgM, IgA, IgG1 or IgG2. Western blot analysis against affinity purified dog IgE using Mouse anti Dog IgE clone E6-71A1 demostrates a single major band of 62-65 kDa reducing conditions. |
| **Preparation and Storage** | Store at 4°C or at -20°C if preferred.<br><br>This product should be stored undiluted.<br><br>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.<br><br>Shelf Life: 18 months from date of despatch. |
| **Perservative Stabilisers** | 0.05% Sodium Azide |
| **Preparation** | Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant |
| **Immunogen** | Affinity purified IgE preparation from heavily parasitized and allergic dog serum. |
| **Buffer Solution** | Phosphate buffered saline |
| **Target Species** | Dog |
| **Applications Tested/Suitable for anti-IgE antibody** | ELISA (EIA), Western Blot (WB) |
| **Application Notes for anti-IgE antibody** | ELISA: The antibody may be used as a detection antibody in a sandwich ELISA in a combination with MBS215322 as the capture antibody.<br><br>Western Blotting: Under reducing conditions MBS215323 detects a band of approximately 62-65 kDa in samples of affinity purified dog IgE. |
| **Related Product Information for anti-IgE antibody** | Mouse anti Dog IgE antibody, clone E6-71A1 recognises canine IgE. E6-2A1 does not cross react with dog IgM, IgA, IgG1 or IgG2. Western blot analysis against affinity purified dog IgE using Mouse anti Dog IgE clone E6-71A1 demonstrates a single major band of 62-65kDa under reducing conditions. |

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| **Other Notes** | Small volumes of anti-IgE antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for IgE purchase** | MBS215323 is an antibody targeting IgE. Also known as MOUSE ANTI DOG IgE:Biotin. Host: Mouse. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IgE. It may not necessarily be applicable to this product.

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| **Protein Family** | IgE-binding protein |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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