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## Product Datasheet

### Fc epsilon R1 alpha antibody [CRA1] (Biotin), IgG2b, Mouse, Monoclonal GTX00849

|                            |                                                                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Fc epsilon R1 alpha antibody [CRA1] (Biotin), IgG2b, Mouse, Monoclonal                                                                                           |
| Biozol Catalog Number      | GTX00849                                                                                                                                                         |
| Supplier Catalog Number    | GTX00849                                                                                                                                                         |
| Alternative Catalog Number | GTX00849-50                                                                                                                                                      |
| Manufacturer               | GeneTex                                                                                                                                                          |
| Host                       | Mouse                                                                                                                                                            |
| Category                   | Antikörper                                                                                                                                                       |
| Application                | ELISA, FA, FC, IHC-Fr, IHC-P, WB                                                                                                                                 |
| Species Reactivity         | Human, Shrew                                                                                                                                                     |
| Immunogen                  | Recombinant extracellular protein of human Fc epsilonR1alpha, (corresponding to amino acids Met-26-197, where signal peptide is 1-25)Epitope: 26-110 amino acids |
| Conjugation                | Biotin                                                                                                                                                           |
| Clonality                  | Monoclonal                                                                                                                                                       |
| Concentration              | 1.6 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                       |
| Clone Designation          | [CRA1]                                                                                                                                                           |
| Molecular Weight           | 30                                                                                                                                                               |
| Isotype                    | IgG2b                                                                                                                                                            |

|                   |                                                                                                                                                                                                                                                                  |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sensitivity       | The CRA1 (AER37) monoclonal antibody reacts with the Fc epsilon R1 alpha subunit on a region that does not overlap the region of the IgE binding site, thus it does not compete with IgE for the receptor binding. Since the CRA2 (AER24) monoclonal antibody re |
| NCBI              | <a href="#">2205</a>                                                                                                                                                                                                                                             |
| UniProt           | <a href="#">P12319</a>                                                                                                                                                                                                                                           |
| Buffer            | Filter-sterilized PBS, 50% Glycerol, no preservatives.                                                                                                                                                                                                           |
| Form              | Liquid                                                                                                                                                                                                                                                           |
| Application Notes | WB: ~1 µg /ml. IHC-P: ~1 µg /ml. FCM: 1-5 µg /ml. *Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.                                                                                                    |