

## Anti-ERBB1/EGFR/HER1 Antibody (Matuzumab)

### Introduction

Matuzumab (EMD 72000) is a humanized anti-EGFR monoclonal antibody that blocks EGFR activation and downstream signaling, inhibiting tumor growth.

### Product parameters

|                     |  |
|---------------------|--|
| Alternative Names   | EMD72000, MAb 425  |
| Target Accession    | P00533   |
| Target              | ERBB1 / EGFR / HER1  |
| CAS number          | 339186-68-4  |
| Molecular Weight    | 145.9 kDa  |
| Host                | CHO  |
| Reactivity          | Human  |
| Conjugation         | Unconjugated   |
| Form                | Liquid   |
| Concentration       | See label  |
| Buffer System       | 100 mM Pro 20 mM Arg pH 5.0. No preservative!  |
| Clonality           | Monoclonal   |
| Purification        | Protein A  |
| Isotype             | IgG1   |
| Application         | ELISA, FACS, Kinetics, Functional assay, Animal Model  |
| Biological activity | -  |
| Endotoxin           | Less than 0.1 EU/ug determined by LAL method.  |
| Sterilization       | 0.2 µM filtered  |
| Reconstitution      | For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex. |
| Shipping            | Dry ice  |
| Storage             | -80°C  |
| Expiration Date     | 2 years  |
| Note                | Please avoid freeze-thaw cycles.   |

## **Note**

1. This product is for scientific research use only.



**APExBIO Technology**

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