

## Anti-ERBB3/HER3 Antibody (Patritumab)

### Introduction

Patritumab (Human Anti-ERBB3 Recombinant Antibody) is a neutralizing monoclonal antibody against ERBB3. Patritumab has a synergistic effect with Cetuximab and can effectively inhibit the phosphorylation of EGFR, HER2, HER3, ERK and AKT. Patritumab can also induce apoptosis and inhibit the growth of pancreatic, non-small cell lung cancer and colorectal cancer xenograft tumors.

### Product parameters

|                     |  |
|---------------------|--|
| Alternative Names   | U3-1287, AMG-888   |
| Target Accession    | P21860   |
| Target              | ERBB3 / HER3   |
| CAS number          | 1262787-83-6   |
| Molecular Weight    | 146.86 kDa   |
| Host                | CHO  |
| Reactivity          | Human, Rat   |
| 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 | Immobilized human HER3 His at 2 ug/mL can bind Anti-ERBB3/HER3 Antibody (Patritumab), EC50=0.04264 ug/mL.  |
| 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.



**APEx BIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

