

## Anti-CD80/CD86 Antibody (Abatacept)

### Introduction

Abatacept is a recombinant protein fused with human immunoglobulin IgG1 and the extracellular domain of CTLA-4. It inhibits T cell co-stimulatory signals, thereby reducing T cell activation, and is mainly used to treat rheumatoid arthritis and juvenile idiopathic arthritis. Abatacept binds to CD80/CD86 molecules on antigen-presenting cells, blocking their interaction with CD28 molecules on T cells, thereby inhibiting T cell activation.

### Product parameters

|                     |  |
|---------------------|--|
| Alternative Names   | CTLA4Ig, BMS-188667, Orencia   |
| Target Accession    | -  |
| Target              | CD80/CD86  |
| CAS number          | 332348-12-6  |
| Molecular Weight    | -  |
| Host                | CHO  |
| Reactivity          | Human  |
| Conjugation         | Unconjugated   |
| Form                | Liquid   |
| Concentration       | 1 mg/mL  |
| Buffer System       | 100 mM Pro 20 mM Arg pH 5.0.   |
| 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**

**[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)

