

Catalog# BP- 50561

## Minretumomab Biosimilar (TAG-72 Monoclonal Antibody)

Minretumomab Biosimilar uses the same protein sequences as the therapeutic antibody minretumomab.

Minretumomab is a mouse monoclonal antibody that was designed for the treatment of cancers that express the TAG-72 antigen. This includes breast, colon, lung, and pancreatic cancers.

A wide range of derivatives has been used in pharmaceutical research. Examples include chimeric and humanized minretumomab, as well as a fusion protein of a minretumomab single-chain variable fragment and the enzyme beta-lactamase.

| Product Details       |                                                   |
|-----------------------|---------------------------------------------------|
| CAS No.               | 195189-17-4                                       |
| Species Reactivity    | Human                                             |
| Source                | Mammalian cells                                   |
| Isotype               | Human IgG1 kappa                                  |
| Class                 | Monoclonal                                        |
| Type                  | Antibody                                          |
| Clone                 | Minretumomab Biosimilar                           |
| Conjugate             | Unconjugated                                      |
| Immunogen             | Human TAG-72 protein                              |
| Purity                | >95%                                              |
| Molecular Weight      | 146.06 kDa                                        |
| Protein Concentration | 1 mg/ml                                           |
| Formulation           | 0.2 $\mu$ M filtered PBS solution, pH 7.4         |
| Storage conditions    | 4°C for short time, -20°C or -80°C for long time. |