

Nofetumomab

Catalogue No.: abx831050

Nofetumomab is a monoclonal antibody biosimilar expressed in CHO cells, targeting IL3RA/CD123, for use in laboratory research applications. This product is not suitable for use as medicines or in human, therapeutic or diagnostic applications.

Technetium Tc-99m nofetumomab merpentan (Tc-99m nm) consists of a Fab fragment of an IgG2b of the pancarcinoma murine antibody NR-LU-10. 1 The NR-LU-10 antibody is directed against a 40 kDa glycoprotein antigen expressed in a variety of cancers and some normal tissues. Label Tc-99m nm was developed by Boehringer Ingelheim Pharma KG and FDA approved on September 14, 1992. It was after discontinued on August 13, 2013, but in the 2018 FDA submission list, it can be found as a substance type II (Drug substance) with an active status. The mechanism of action in Tc-99m nm is ruled by the presence of nofetumomab, which can recognize the pancarcinoma antigen EpCAM and/or CD20/MS4A1, 2 and merpentan, that acts as a linker for the binding of technetium.

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| Target: | IL3RA/CD123 |
| Clonality: | Monoclonal |
| Reactivity: | Human |
| Expression: | Recombinant |
| Tested Applications: | ELISA, WB |
| Host: | Human |
| Recommended dilutions: | Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation: | Unconjugated |
| Isotype: | IgG ₁ , Kappa |
| Form: | Liquid |
| Purity: | > 95% |
| Purification: | Purified from cell culture supernatants by Protein A/G chromatography. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| Buffer: | 0.01 M PBS. pH 7.4. |
| CAS Number: | 165942-79-0 |

Datasheet

Version: 2.0.0

Revision date: 03 Dec 2025



Concentration: Batch-dependent, typically between 0.5-2.0 mg/ml.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only