

## Product description



**Product name** ENFORTUMAB



**Catalog number** PAZ10201-liquid

**ENFORTUMAB** is a monoclonal antibody against nectin-4. Enfortumab vedotin is an antibody-drug conjugate used for the treatment of urothelial cancer. “Enfortumab” refers to the monoclonal antibody. “Vedotin” represents the payload drug with linker.

## mAb sequence

### Heavy chain ENFORTUMAB

EVQLVESGGGLVQPGGSLRLSCAASGFTFSSYNMNWVRQAPGKGLEWVSYISSSSTIYYADSVKGRFTISRDNAKNSLSLQMNSLRDEDTAVYYCARAYYYGMDVWVWQGTTVVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYICNVNHKPSNTKVDKRVKPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDQWLNQKEYKCKVSNKALPAPIEKTKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVVFSCSVMHALHNHYTQKSLSPGK

### Light Chain ENFORTUMAB

DIQMTQSPSSVSASVGDRTITCRASQGISGWLAWYQQKPGKAPKFLIYAASLTQSGVPSRFSGSGSGTDFTLTISLQPEDFATYYCQQANSFPPTFGGGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKSDSTYLSLSTLTKADYEKHKVYACEVTHQGLSPVTKSFNRGEC

## Product features and protocols

### Key features

1	Purity	>95% as determined by SDS-PAGE
2	Labelling	<b>Arg</b> - <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub>   <b>Lys</b> - <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub>
3	Isotopic incorporation	>98% as determined by LC-MS/MS analysis of digested SIL-mAb

### Other features

Expression System	CHO cell line
Protein content	Quantitation is carried out by UV Absorbance at 280 nm
Formulation	Histidine 3,71 mg/mL trehalose 55 mg/mL pH 6.5

## Product preparation

1. Thaw on ice
2. Vortex gently
3. Centrifuge briefly before opening

## Product storage

The product is liquid and shipped with dry ice.

**Store at -80 °C upon receipt.**

After product preparation, the protein can be preserved at 4°C for a few weeks.

**Avoid multiple freeze-thaw cycles**

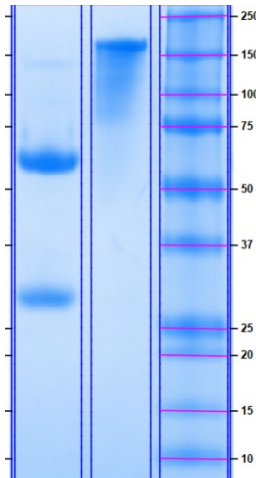
## How to use our product



SIL mAbs allow to overcome the process variability since they are added at the very beginning of a sample preparation. This has positive impact on your analyte quantification, especially if the analyte interacts with other species commonly present within the matrix (1).



## Supporting information



**ENFORTUMAB PAZ10201:**  
SDS-PAGE gel in  
Reducing/Heated conditions  
(RH) and non-reducing / non  
heated conditions (NR/NH).  
Stained with Coomassie blue.

## References

1. **G.Picard, D. Lebert, et al.** PSAQ standards for accurate MS-based quantification of proteins: from the concept to biomedical applications, *J. Mass Spectrom.* 2012, 47, 1353-1363



**The product is intended for research use only. Not for diagnostic or therapeutic use.**

### Legal

This product is licensed under U.S. Patent No. 7,396,688 and foreign counterparts from E. I. du Pont de Nemours and Company. The purchase of this product conveys to the buyer the nontransferable right to use the purchased amount of the product for research and development only. Information about licenses for other uses is available from: E. I. du Pont de Nemours and Company; Attn: Associate Director, Commercial Development; DuPont Experimental Station E268; 200 Powdermill Rd.; Wilmington, DE 19803; 1-877-881-9787 (voice), 1-302-695-1437 (fax), [licensing@dupont.com](mailto:licensing@dupont.com).