



Product name EPCORITAMAB



Catalog number EPZ10171

Product description

Epcoritamab, (Epkiny) is a monoclonal IgG1-bispecific antibody that simultaneously binds to CD3 on T-cells and CD20 on B-cells. Used for the treatment of diffuse large B-cell lymphoma.

Similar products: Rituximab (RIX08221), Polatuzumab (POZ10211), Obinutuzumab

mAb sequence

Heavy chain

HC1

EVKLVESGGGLVQPGGSLRLSCAASGFTFTNTYAMNHWVRQAPGKGLEWVARIRSKYNNYATYYADSVKDRFTISRDDSKSSLYLQMNLLKTEDTAMYYCVRHGNFGNSYVSWFAYWGGTLVTSSASTKGPSVFLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSVHTFPAVLQSSGLYSLSVTVPSSSLGTQTYICNVNHKPSNTKVDKRVPEKSCDKTHTCPPCPAPEFEGGSPVFLFPPKPKDTLMISRTPEVTCVAVVAVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPPVLDSDGSGFLYSKLTVDKSRWQQGNVFCSSVMHEALHNHYTQKSLSLSPG

HC2

EVQLVESGGGLVQPDRLRLSCAASGFTFDHYAMHWRQAPGKGLEWVSTISWNSGTIGYADSVKGRFTISRDNKNSLYLQMNLSRAEDTALYYCAKDIQYGNYYYGMDVWVGGQTTVTSSASTKGPSVFLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSVHTFPAVLQSSGLYSLSVTVPSSSLGTQTYICNVNHKPSNTKVDKRVPEKSCDKTHTCPPCPAPEFEGGSPVFLFPPKPKDTLMISRTPEVTCVAVVAVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPPVLDSDGSGFLYSRLTVDKSRWQQGNVFCSSVMHEALHNHYTQKSLSLSPG

Light Chain

LC1

QAVVTQEPFSVSPGGTIVLTCRSSTGAVTTSNYANWVQQTPGQAFRGLIGGNTKRAPGVPARFSGSLIGDKAALTITGAQADDSEIYFCALWYSNLWVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVKAGVETTTTPSKQSNKYAASSYLSLTPEQWKSHRYSQCQVTHEGSTVEKTVAPTECS

LC2

EIVLTQSPATLSLSPGERATLSCRASQSVSSYLAWYQQKPGQAPRLLIYDASNRAATGIPARFSGSGSGDFTLTISLLEPEDFAVYVYCCQQRSNWPITFGQGTREIKRTVAAPSVFIFPPSDEQLKSGTASVCLLNNFYPREAKVQWVKVDNALQSGNSQESVTEQDSKDSSTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

Product features and protocols

Key features

- 1** Purity >95% as determined by SDS-PAGE
- 2** Labelling Arg-¹³C₆, ¹⁵N₄ | Lys-¹³C₆, ¹⁵N₂
- 3** Isotopic incorporation >99% 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	20 mM HEPES, 150 mM NaCl, 240 mM Sucrose, pH 7.2

Product preparation

For product preparation we recommend the following steps:

1. Thaw in 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.

Once thawed, the protein can be preserved at 4°C for a few weeks.

Avoid multiple freeze-thaw cycles

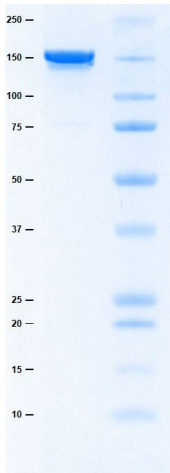
How to use our product



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



SDS-PAGE gel analysis of **EPCORITAMAB** protein in 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.

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