

Product description



Product name TOCILIZUMAB

TOCILIZUMAB is a recombinant monoclonal IgG1-Kappa antibody, that targets interleukin 6 (IL-6) receptor.



Catalog number ACZ10241-liquid

Similar products: Labelled Infliximab, Labelled Adalimumab

mAb sequence

Heavy chain TOCILIZUMAB

QVQLQESGPGLVSRPSQTLTSLTCTVSGYSITSDHAWSWVRQPPGRGLEWIGYISYSGITTYNPSLKSRTVMTLRDTSKNQFSLRLSSVTAADTAVYYCARSLARTTAMDYWGQGSLVTVSSASTKGPSVFLAPSSKSTSGGTAALGCLVKDYFPEPTVSWNSGALTSVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYICNVNHKPSNTKVDKKEVPEKSCDKTHTCPPCPAPELGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDQWLNQKEYKCKVSNKALPAPIEKTKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKLSLSLSPG

Light Chain TOCILIZUMAB

DIQMTQSPSSLSASVGDRTITCRASQDISSYLNWYQQKPGKAPKLLIYYTSSLRHSQVPSRFSGSGSGTDFFTTISLQPEDIATYYCQQGNTLPYTFGQGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVCLLNNFYPREAKVQWVKVDNALQSGNSQESVTEQDSKDYSLSTLTLTKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

Product features and protocols

Key features

1	Purity	>95% as determined by SDS-PAGE
2	Labelling	Arg - ¹³ C ₆ , ¹⁵ N ₄ Lys - ¹³ C ₆ , ¹⁵ N ₂
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	15mM sodium phosphate 50 mg/mL sucrose 0.5 mg/mL tween 80 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 reconstitution, the protein can be preserved at 4°C for a few weeks.

Avoid multiple freeze-thaw cycles

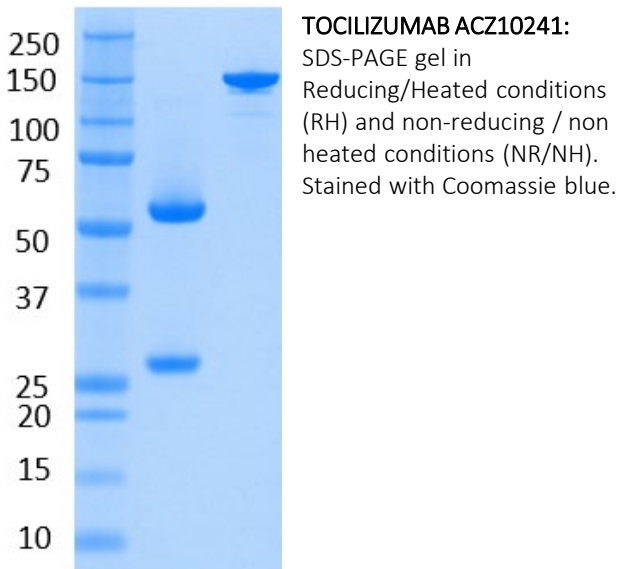
How to use our product



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



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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