

Mouse mAb to Hexahistidine (His6) tag (clone 24H10)

Catalogue #	A2-502-100
Immunogen:	His-tag
Immunogen Description:	Recombinant C-terminal His6-tagged protein produced in E. coli
Clone:	24H10
Class:	hIgG1
Application:	ELISA, WB
ELISA:	0.16 - 0.31 µg/ml
Purification:	Protein A affinity chromatography following gel filtration
Buffer:	PBS pH 7.4, 0.1% sodium azide
Shipping:	This product is shipped in non-frozen liquid form in ambient conditions
Storage:	The product is stable at 4 °C for several days. Store at -20 °C to -70 °C long term. Avoid multiple freeze-thaw cycles.

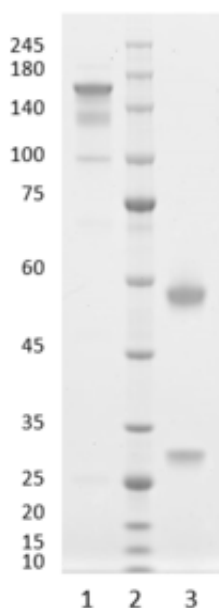


Figure 1. Simply Blue Safe stained SDS-PAGE analysis of mAb to Hexahistidine tag, clone 24H10. 4-15% gradient gel is used for analysis. Lane 1. Monoclonal antibody to Hexahistidine tag, clone 24H10 (-DTT) Lane 2. Size marker. Lane 3. Monoclonal antibody to Hexahistidine tag, clone 24H10 (+DTT)

Peak Table

Peak #	RT (min)	Area	Area %
1	7.471	10.37	0.43
2	8.042	9.95	0.41
3	8.290	28.07	1.16
4	8.711	2375.82	98.00

Chromatogram

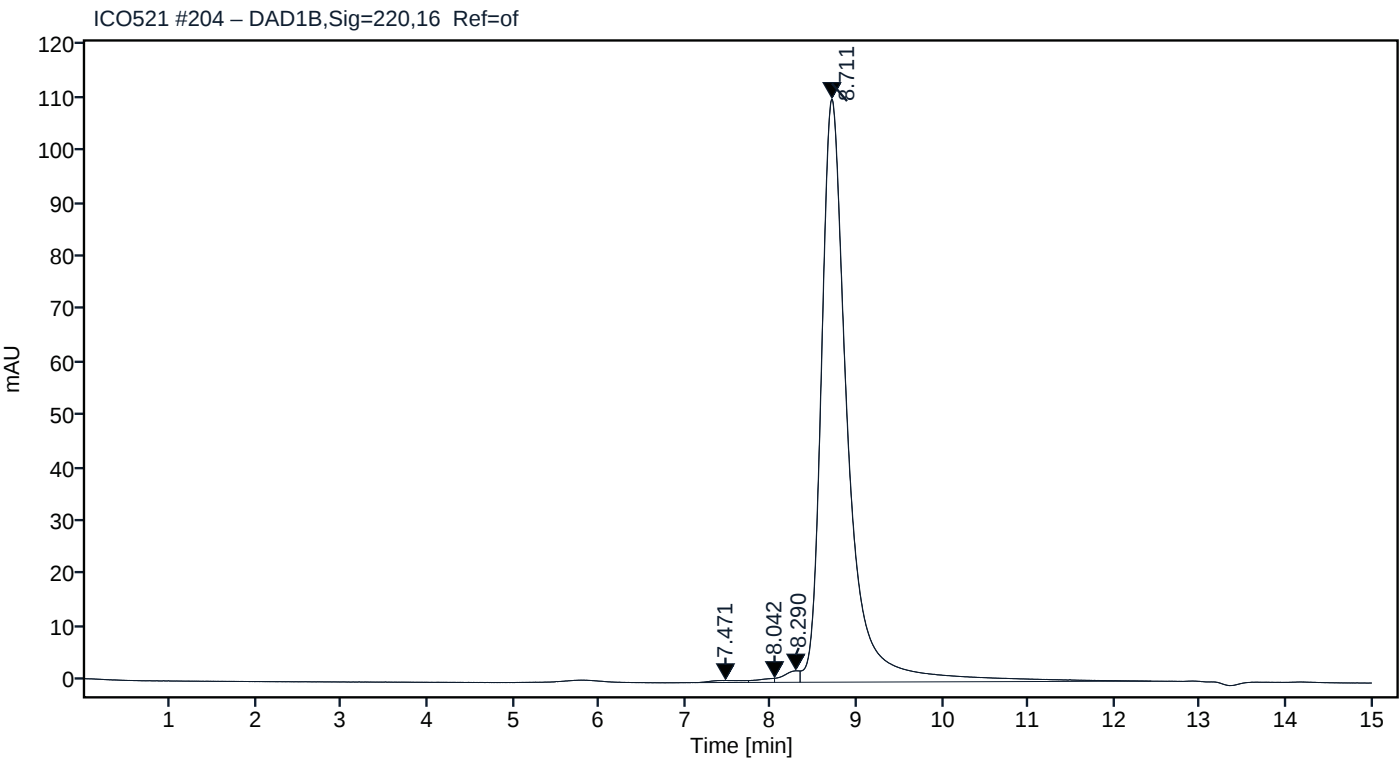


Figure 2. Analytical HPLC-SEC for final antibody product

Peak Table

Peak #	RT (min)	Area	Area %
1	7.441	8.71	0.37
2	8.076	3.40	0.14
3	8.310	4.99	0.21
4	8.712	2333.97	99.27

Chromatogram

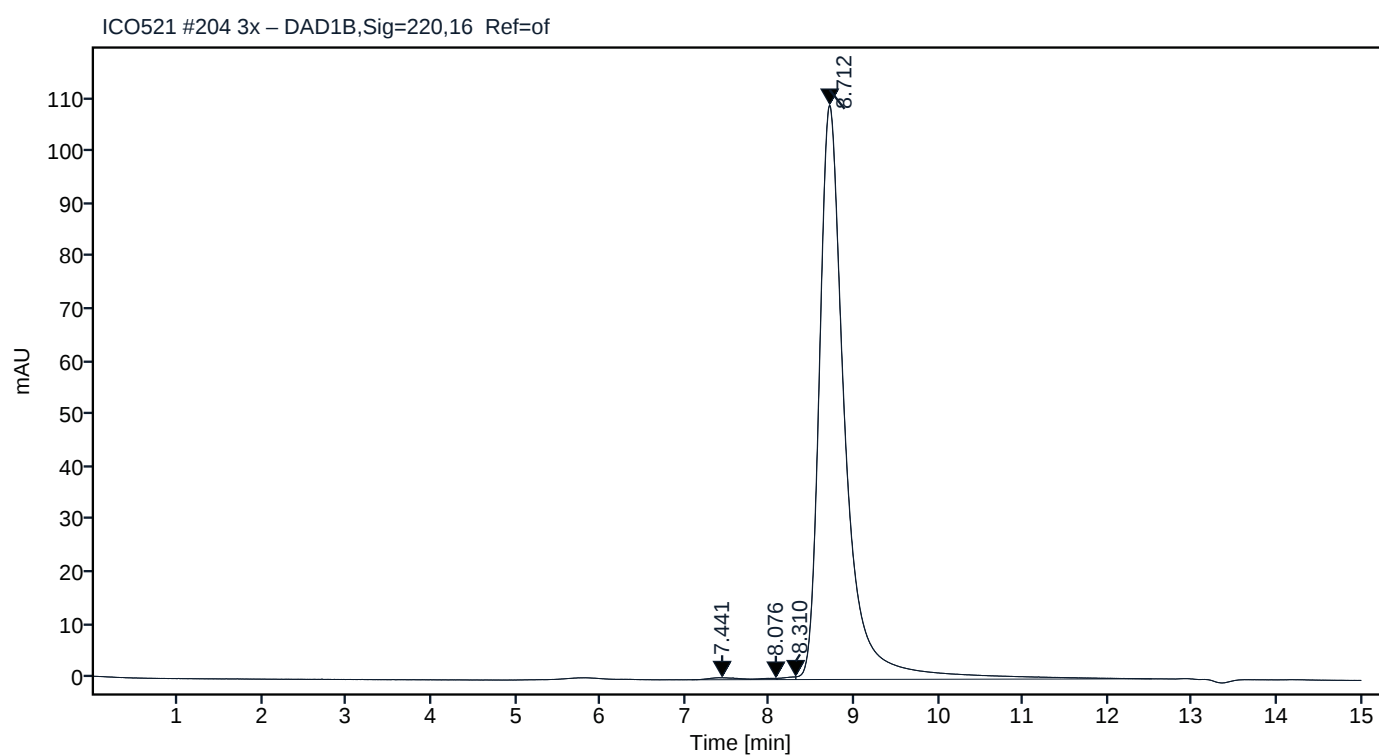


Figure 3. Analytical HPLC-SEC for final antibody product after 3 freeze-thaw cycles