

Mouse IgG1 Isotype Control (MOPC-21), InVivoPure

Endotoxin level ≤ 2 EU/mg

Description:

The mouse IgG1 isotype control (MOPC-21) antibody was purified from supernatant of P3X63Ag8 from Cytion. This P3X63Ag8 cell line was derived from the P3K27 cell line (a tissue culture line established from the MOPC-21 plasmacytoma).

The monoclonal antibody is ideal for use as a non-reactive isotype-matched control for mouse IgG1 antibodies in most *in vivo* and *in vitro* applications.

This antibody is produced exclusively under serum-free conditions and purified with Protein-A or Protein-G affinity chromatography from cell culture supernatant.

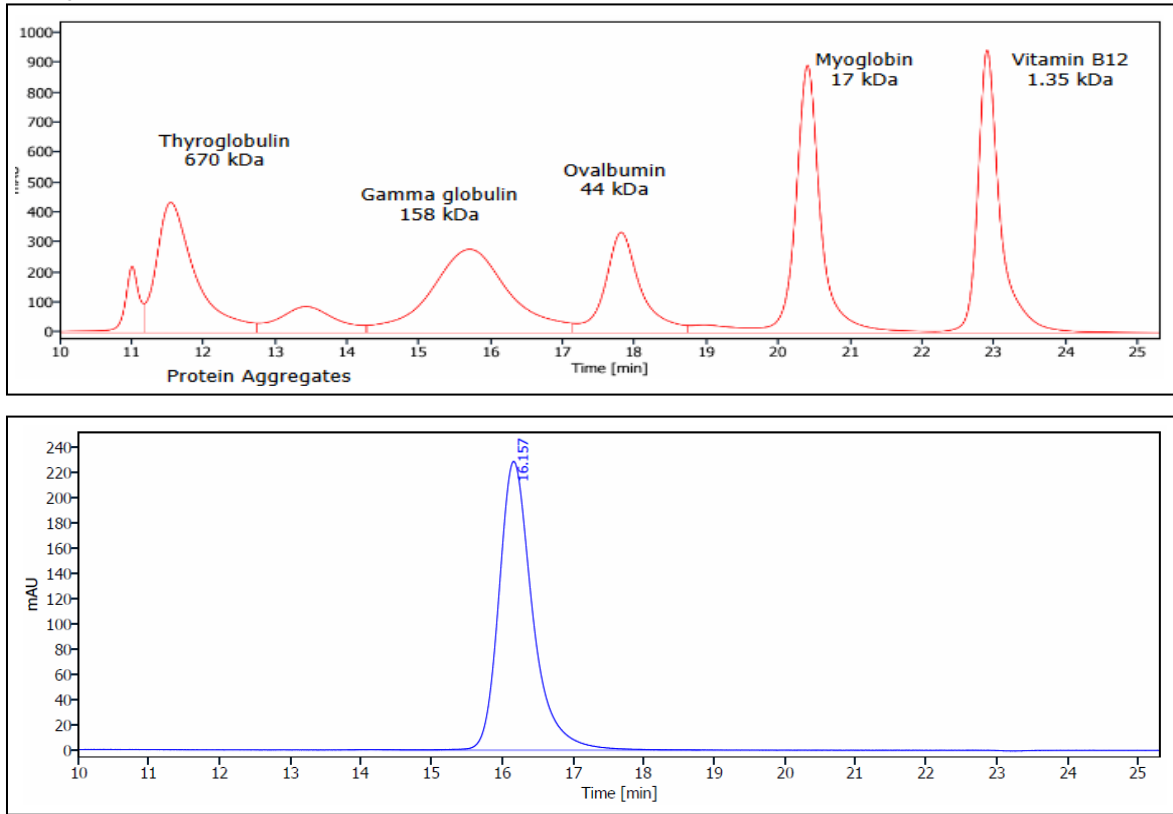
Product-ID:	P_SZ_984P
Clone:	MOPC-21/ P3X63Ag8
Host:	Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Formulation:	Clear Liquid, PBS, pH 7.4, 0.2 μ m sterile filtered
Concentration:	≥ 1.00 mg/mL
Purity:	≥ 90 % (CGE, reducing conditions) ≤ 10 % aggregates (analytical SEC)
Endotoxin:	≤ 2 EU/mg (LAL test)
Storage:	2 - 8 °C

The product is for research use or for further manufacturing only and not for use in diagnostic or therapeutic procedures.

InVivo BioTech Services GmbH is certified to [ISO 9001](#) and [ISO 13485](#).

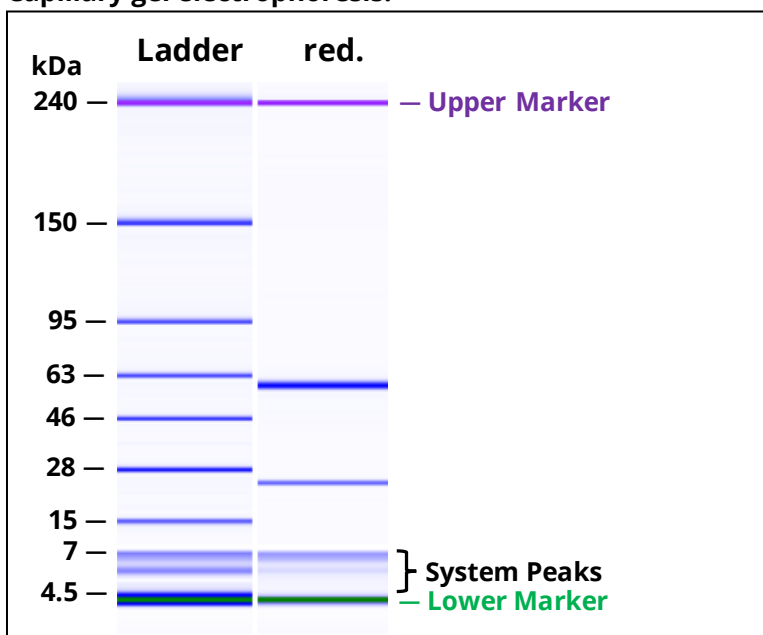
Mouse IgG1 Isotype Control (MOPC-21), InVivoPure — Supplementary Data

Analytical SEC:



Analytical SEC of purified protein (blue) in comparison with gel filtration standard (red).

Capillary gel electrophoresis:



CGE of the purified protein under reducing (red.) conditions.