

## CD8 $\alpha$ mAb (2.43), InVivoPure

Endotoxin level  $\leq$  2 EU/mg

### Description:

**The CD8 $\alpha$  monoclonal antibody (clone 2.43) was purified from supernatant of TIB-210™ 2.43 from the ATCC.\***

The CD8 $\alpha$  mAb (2.43) reacts with the 32-34 kDa alpha subunit of mouse CD8, known as CD8a or CD8 alpha. The CD8 $\alpha$  mAb (2.43) is widely used as a phenotypic marker for mouse CD8 on cytotoxic T cells, thymocytes, as well as on certain cell types that do not also express the TCR, including some NK cells and lymphoid dendritic cells [1].

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

<b>Product-ID:</b>	<b>AK3604P</b>
<b>Clone:</b>	2.43
<b>Immunogen:</b>	Animals were immunized with CTL Clone L3 cells.
<b>Host:</b>	Rat
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG2b $\kappa$
<b>Formulation:</b>	Clear Liquid, PBS, pH 7.4, 0.2 $\mu$ m sterile filtered
<b>Concentration:</b>	$\geq$ 1 mg/mL
<b>Purity:</b>	$\geq$ 90 % (CGE, reducing conditions) $\leq$ 10 % aggregates (analytical SEC)
<b>Endotoxin:</b>	$\leq$ 2 EU/mg (LAL test)
<b>Storage:</b>	2 - 8 °C

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

**\*The ATCC trademark and trade name and any and all ATCC catalog numbers are trademarks of the American Type Culture Collection.**

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

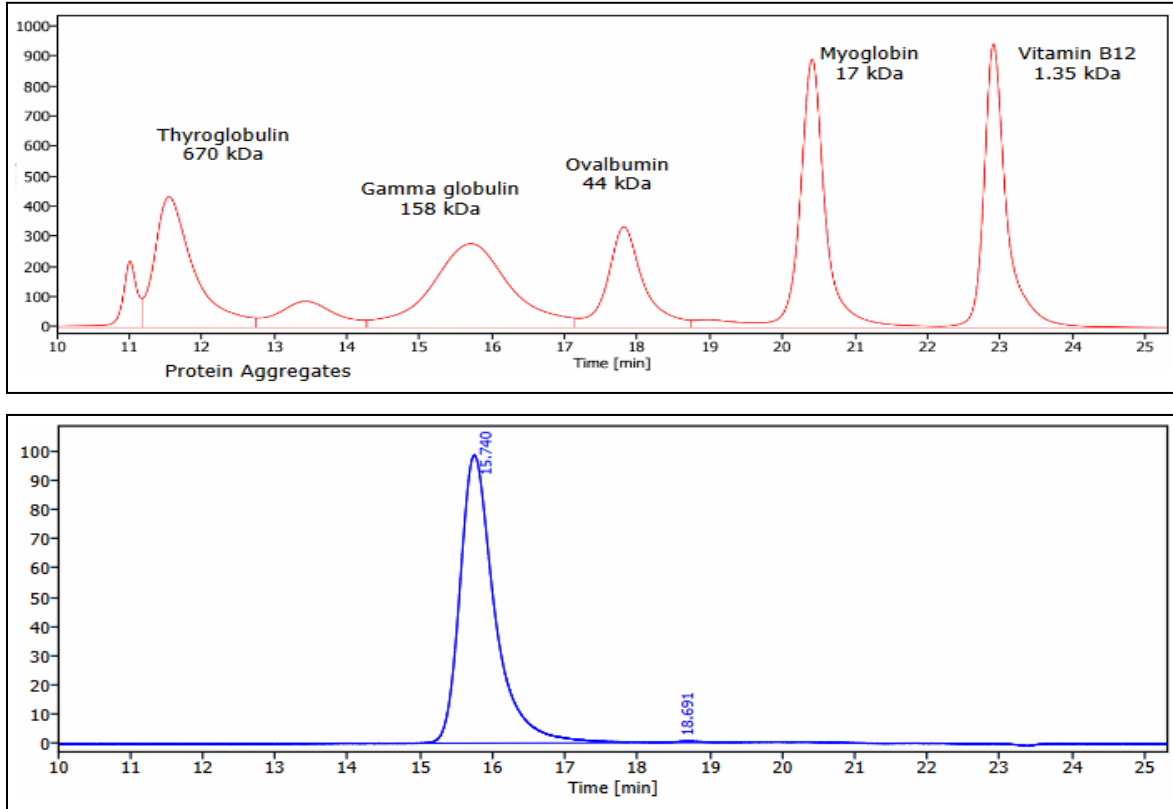
### Literature:

- [1] Zamoyska R. The CD8 coreceptor revisited: one chain good, two chains better. *Immunity*. 1994 Jul;1(4):243-6. Doi: 10.1016/1074-7613(94)90075-2. PMID: 7889412.

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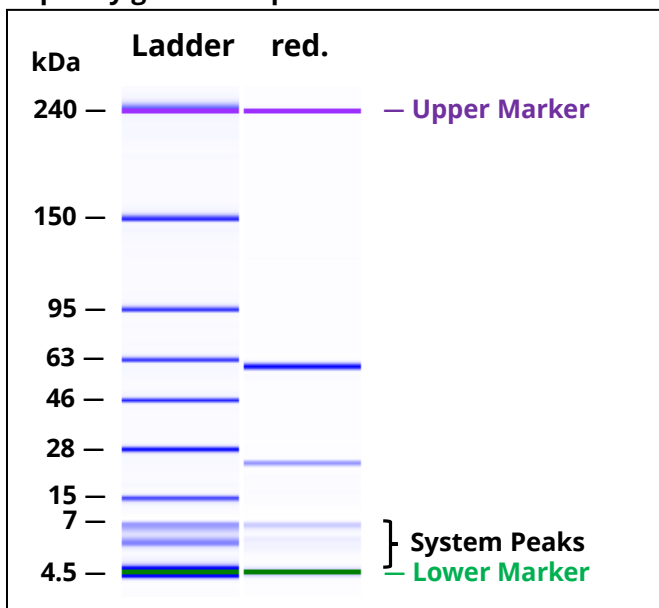
**— Supplementary Data**

**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.