



In vivo Antibodies Functional-Grade

Immune Checkpoint | Cell Depletion | Cancer Immunology

Ultra Low Endotoxin In vivo mAbs

Extremely low endotoxin levels (≤ 0.5 EU/mg - ≤ 1 EU/mg) for in vivo mouse studies or sensitive in vitro experiments

Validated

Immune checkpoint blockade, neutralization, stimulation, cell depletion, ELISA, FC, ICC, IHC, IP, WB, CODEX®, CyTOF®

Highly Pure

No preservatives, stabilizers, carrier proteins & made using sterilized PBS without K⁺ and Ca²⁺.

Super Consistent

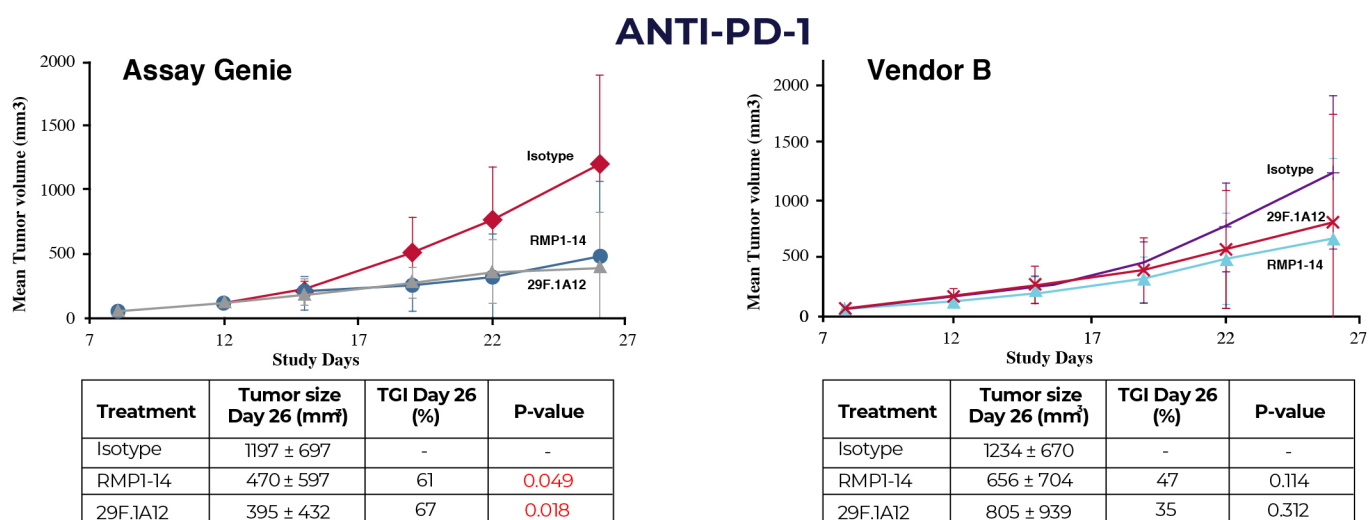
cGMP-grade & extensively quality controlled with minimal protein A leaching and low aggregation ensuring excellent Lot-to-Lot reproducibility

Product Name	5mg Pack Sizes			25mg Pack Sizes			50mg Pack Sizes		
	Code	Price	Promo Price	Code	Price	Promo Price	Code	Price	Promo Price
Anti-Mouse PD-1 [29F.1A12] In Vivo mAb - Low Endotoxin	IVMB0031-5			IVMB0031-25			IVMB0031-50		
Anti-Human CD3 [UCHT-1] In Vivo mAb - Low Endotoxin	IVMB0117-5			IVMB0117-25			IVMB0117-50		
Anti-Mouse CD4 [GK1.5] In Vivo mAb - Low Endotoxin	IVMB0060-5			IVMB0060-25			IVMB0060-50		
Anti-Mouse CD8b.2 In Vivo mAb - Low Endotoxin	IVMB0093-5			IVMB0093-25			IVMB0093-50		
Anti-Mouse CD8a (Ly2) In Vivo mAb - Low Endotoxin	IVMB0068-5			IVMB0068-25			IVMB0068-50		
Mouse IgG1 Isotype Control [HKSP] - Low Endotoxin	IVMB0184-5			IVMB0184-25			IVMB0184-50		
Mouse IgG2a Isotype Control - Low Endotoxin	IVMB0188-5			IVMB0188-25			IVMB0188-50		
Rat IgG2b Isotype Control - Low Endotoxin	IVMB0200-5			IVMB0200-25			IVMB0200-50		
Rat IgG2a Isotype Control - Low Endotoxin	IVMB0199-5			IVMB0199-25			IVMB0199-50		

SUPERIOR EFFICACY & QUALITY

Antibodies and isotypes tested

Independent comparison of the in vivo efficacy and tolerability of clones of mAbs anti-PD-1 [RMP1-14 and 29F.1A12], and isotype controls versus Vendor B using a CT26 syngeneic model (murine colorectal carcinoma derived from BALB/c mice). All antibodies had matching isotype controls, and phosphate-buffered saline (PBS) was used as a control.



Anti-PD-1 antibody clones (RMP1-14 and 29F.1A12) were more efficacious than Vendor B (Figure 1).

Highly Pure with Low Endotoxin Levels

Specifications	<i>in vivo</i> mAbs Low Endotoxin	<i>in vivo</i> mAbs Ultra Low Endotoxin
Binding validation determined by WB, FC or ELISA	Yes	Yes
Endotoxin level determined by the LAL method	≤ 1.0 EU/mg	≤ 0.5 EU/mg
Antibody aggregation screening by analytical SEC	≥ 95% monomer	≥ 98% monomer
Purity by SDS PAGE	≥ 95%	≥ 98%
Formulation for <i>in vivo</i> use	No Preservatives No stabilizers No carrier protein Sterile PBS pH 7.2 - No K ⁺ or CA ²⁺ Concentration: > 5mg/mL	No Preservatives No stabilizers No carrier protein Sterile PBS pH 7.2 - No K ⁺ or CA ²⁺ Concentration: > 5mg/mL
Murine pathogen screening	Not applicable, see Ultra Low Endotoxin functional grade antibodies	Pathogen tested (IMPACT1) (see table)