ADJUVANTS GERBU

Boost your Results

- Ready to use sterile oil-in-water suspension of biodegradable lipid nanoparticles [1]
- Stable for interim storage at ambient temperature
- Unique formulation with glycopeptide GMDP [2]
- Biocompatible and animal friendly alternative to Freund's Adjuvant [3, 4]
- Economic and suitable for a wide range of field and lab applications [5]
- For a high yield antibody production [1]
- Powerful potentiator of cellular and humoral immune response [6, 7]
- Long-term immune strengthening and protecting effect [1, 6]
- Unspecific stimulator of the immune response [8]
- Developed and continuously improved in close cooperation with researchers all over the globe
- Recommended by official authorities [9]
- Reduce and Refine following the 3R approach

Immunoadjuvants

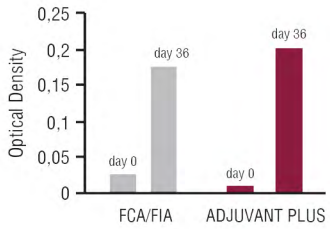
Selection Guide

Adjuvant Type	Advantages	Animal Species	Formula	Antibody Generated
M #3001	for highest yields of positive fused clones	Mouse	low density, high dose GMDP	monoclonal monospecific [15]
F #3030	for sensitive large animals and repeated application	Pig, Alpaca Llama, Horse Camel, Cow	With vitamins and plant based lipid	polyclonal monospecific [15]
PLUS #3113	complete/incomplete system for perfect cost-benefit ratio	Hamster, Rat, Guinea Pig Chicken, Rabbit Minipig, Goat, Sheep	cocktail of various immune stimulators	polyclonal monospecific [15]

For more details, please consider our FAQs and product instructions.

GERBU Adjuvant PLUS

Newly developed adjuvant System - contains both GERBU Adjuvant P (complete with GMDP) and GERBU Adjuvant S (incomplete). Best results and cost-efficiency for abundant serum antibody production [12, 13].

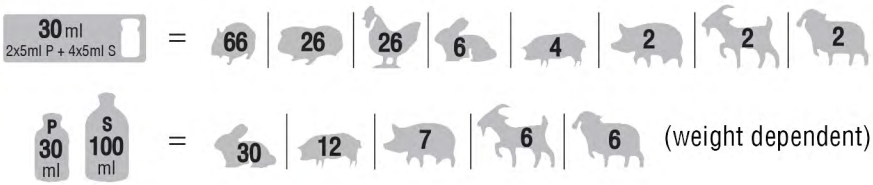


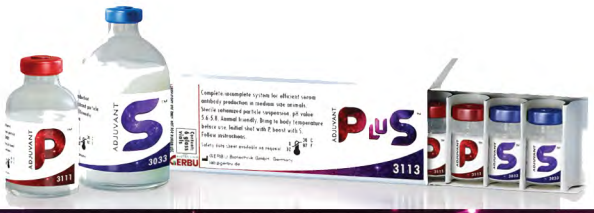
"With GERBU Adjuvant PluS we succeeded in attaining the necessary immune responses without any side effects concerning animal welfare. I have a better feeling when GERBU Adjuvants are being used."

- R. Dühlmeier, veterinarian, preclinics GmbH.

In a dilution of 1:150, comparison of IgG antibody titers generated by GERBU Adjuvant PluS (red) with standard control of Freund's Adjuvant (grey). With kind permission of preclinics GmbH, Potsdam, Germany.

Bottle sizes and suggested dosing:





GERBU Adjuvant F

Most carefully adjusted formula for large, sensitive animals such as horses, cattle and camelids. Suitable for generating multivalent VHHs (single domain antibodies, nanobodies) that neutralize pathogenic beta-coronaviruses [10, 11].

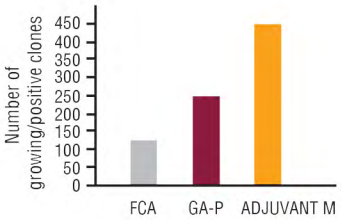
Bottle sizes and suggested dosing:

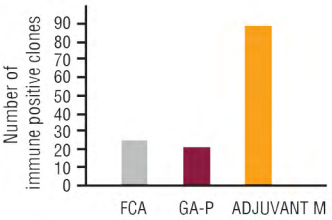
30 ml = 2 | 2 | 2 | 1 (weight dependent)

100 ml = 12 | 6 | 6 | 6

GERBU Adjuvant M

Safe results, save mice. “Valuable alternative to Freund's Adjuvant for generating monoclonal antibodies” [3,14]. Suitable for the commercial production of MABs for therapeutic applications.





Comparison of GERBU Adjuvant M for monoclonal antibodies (yellow) with GERBU Adjuvant P for monoclonal antibodies (red). Standard control is Freund's Complete Adjuvant (grey). Detection by standard ELISA. With kind permission of René W. Fischer, Department of Biochemistry, ETH Zürich, Switzerland.

Dosing:

80 µl = 1

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Up Next

GERBU Adjuvant Z

Create an Adjuvant especially for your unique project

Just get in touch with us.

Learn more and participate in the development

Version: 10/2021