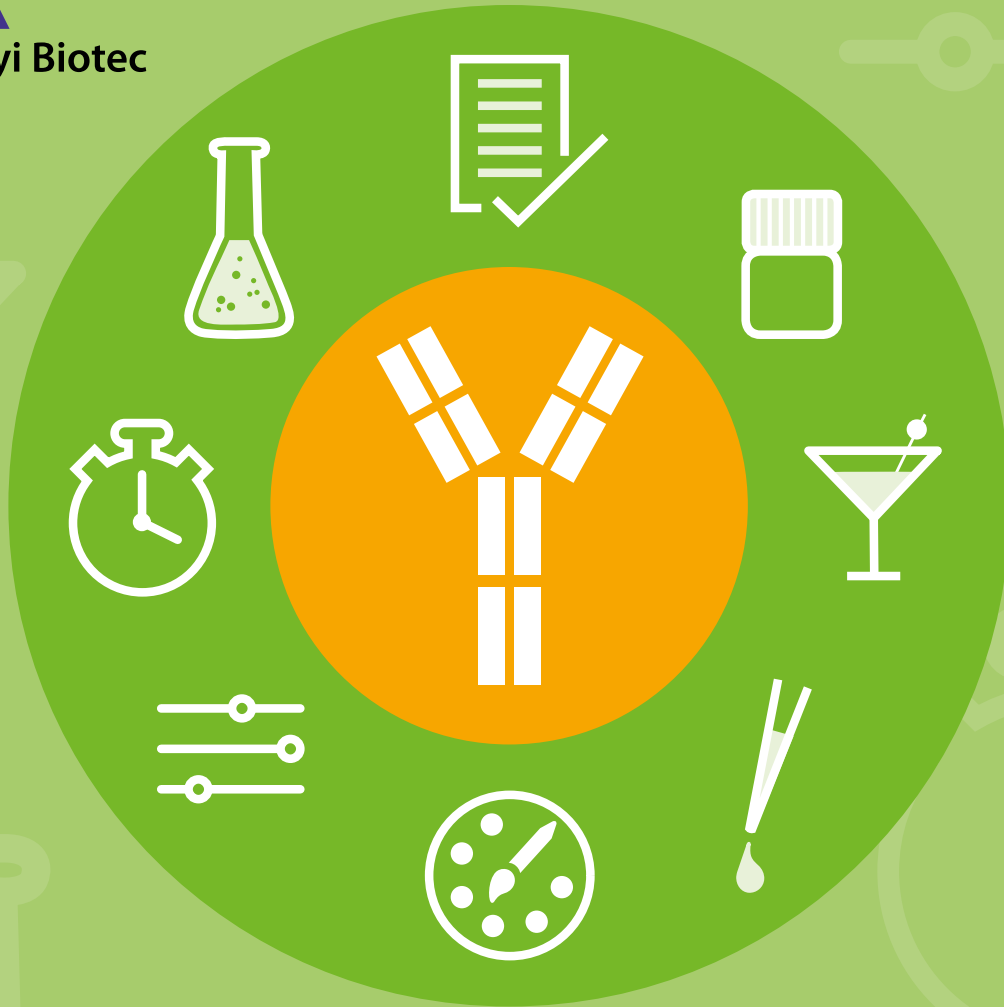




Miltenyi Biotec



Custom Antibody Design Service

Personalized solutions for your research

- **Fast turnaround times with reliable timelines**
- **Flexible options from bulk antibody production to small individual orders**
- **Consistency based on Miltenyi Biotec's high quality standards**

Miltenyi Biotec's Custom Antibody Design Service enables researchers to tailor their personalized antibody solutions, including purified, functional-grade antibodies, single- and multicolor antibody conjugates, as well as multicolor cocktails.

► miltenyibiotec.com



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FLOW
REVOLUTION**

The customized advantage

Miltenyi Biotec offers up to 13 different fluorochromes (table 1) for the design of antibodies covering a wide range of specificities. Antibodies can additionally be coupled to biotin or HRP, or left in the non-conjugated, purified state.

Our Custom Antibody Design Service team provides tailor-made reagents that meet your individual requirements. Start benefiting from:

- Customized order quantities of a wide selection of antibodies and clones.
- Flexible antibody concentrations, ranging from 0.5 mg/mL up to 5 mg/mL.
- Typical turnaround time of two weeks.
- Quickly expand multicolor panels and remove potential bottlenecks to downstream applications.
- Antibodies can be provided in a specified buffer solution and free of sodium azide if required.
- Optional QC testing and CoA for endotoxin levels.
- Reproducible lot-to-lot antibody performance ensures the integrity of long-term studies.

All custom reagents are research use only (RUO) and are optimized to meet the most stringent quality control requirements. Upon request, we also offer custom reagents in GMP quality.

Wide choice of fluorochromes

Vio® and VioBright™ Dyes provide some of the highest mean fluorescence intensity values and largest stain indices available on the market. They can be coupled to any antibody within the Miltenyi Biotec portfolio, or any customer-supplied antibody.

Laser	Filter	Fluorochrome
Violet 405 nm	450/50 nm	VioBlue®
	525/50 nm	VioGreen™
Blue 488 nm	525/50 nm	FITC Vio 515 VioBright 515 VioBright FITC
	585/40 nm	PE
	655–730 nm	PE-Vio 615 PerCP PerCP-Vio 700
	750 nm LP	PE-Vio 770
Red 635 nm	655–730 nm	APC
	750 nm LP	APC-Vio 770

Table 1: Fluorochromes available for antibody conjugation.

REAffinity™ Recombinant Antibodies – optimized for flow cytometry

Our REAffinity Antibodies are available for a wide range of specificities that can be combined with a variety of fluorochromes to address your multicolor flow cytometry needs. Our recombinant antibodies are engineered to provide the following advantages:

- High purity and lot-to-lot consistency for greater reproducibility.
- No more background signal, without the need for Fc receptor blocking.
- Straightforward experiment planning with only one isotype control.

Antibodies for mass cytometry

- Provided in stabilizer-free aqueous buffer, suitable for conjugation.
- High antibody concentration, optimized for conjugation.
- Extensive portfolio of REAffinity Recombinant Antibodies for high reproducibility.
- Confirmed by customers for use in mass cytometry.

Range of Custom Antibody Design Services

Product category	Description	Minimum quantity
Unlabeled antibodies	All antibodies in the Miltenyi Biotec portfolio	1 mg
Custom conjugate cocktails and panels	pre-mixed cocktails	Dependent on panel and conjugates
Single antibody conjugations	Antibodies: Miltenyi Biotec antibodies or customer-supplied antibodies Conjugated to: Fluorochromes specified in table 1 or biotin	Miltenyi Biotec antibodies: 1 mg (α-human), 0.5 mg (α-mouse and α-rat) Customer antibodies: 3 mg

To request a quote, please go to www.miltenyibiotec.com/CADS or contact your local account manager.

Miltenyi Biotec provides products and services worldwide. Visit www.miltenyibiotec.com/local to find your nearest Miltenyi Biotec contact.

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