

## **Antibody & protein conjugations and special purifications**

### **Antibody conjugations:**

When requesting a conjugation, please mention if it is urgent, otherwise, the requests will be processed in order.

#### 1) In-house antibodies (Abs)

If a conjugate is running out of stock or you need one of the in-house Abs labelled to another fluorochrome than available, come to us or write us an email. We offer many different fluorochromes and labels:

available fluorochromes and labels	
Alexa Fluor 350	Biotin
Alexa Fluor 405	Cascade yellow
Alexa Fluor 430	Cy3
Alexa Fluor 488	Cy5
Alexa Fluor 546	Cy7
Alexa Fluor 555	Dig
Alexa Fluor 568	DNP
Alexa Fluor 594	FITC
Alexa Fluor 610	Marina blue
Alexa Fluor 647	NIP
Alexa Fluor 660	NP
Alexa Fluor 700	Pacific blue
Alexa Fluor750	Pacific orange
APC	PE
APC-Cy5 ●	PE-Cy5 ●
APC-Cy7 ●	PE-Cy7 ●
ATTO 590	PerCP
ATTO 647	Texas Red

● only available for small amounts (60 µg); only performed, if there is no commercial conjugate available

#### 2) Commercial antibodies or proteins

You can bring us a commercially acquired antibody for conjugation to the available fluorochromes.

**NOTE:** Antibodies should not contain any other proteins or amine-buffers and preservatives, as BSA, or Na-azide for conjugations. Otherwise, additional purifications will be necessary. Each purification step will decrease the final yield! Please keep this in mind, when selecting a commercial antibody.

If possible, provide us the data sheet of the antibody.

The minimum input for a conjugation are 100 µg, except conjugations to PE, PerCP or APC or other proteins as e.g. other antibodies. The minimum input for protein-protein conjugations is 1 mg, due to a necessary FPLC purification.

### **Special purifications:**

For purifications of proteins and antibodies from cell culture supernatants, please contact the lab managers for special purification requests.