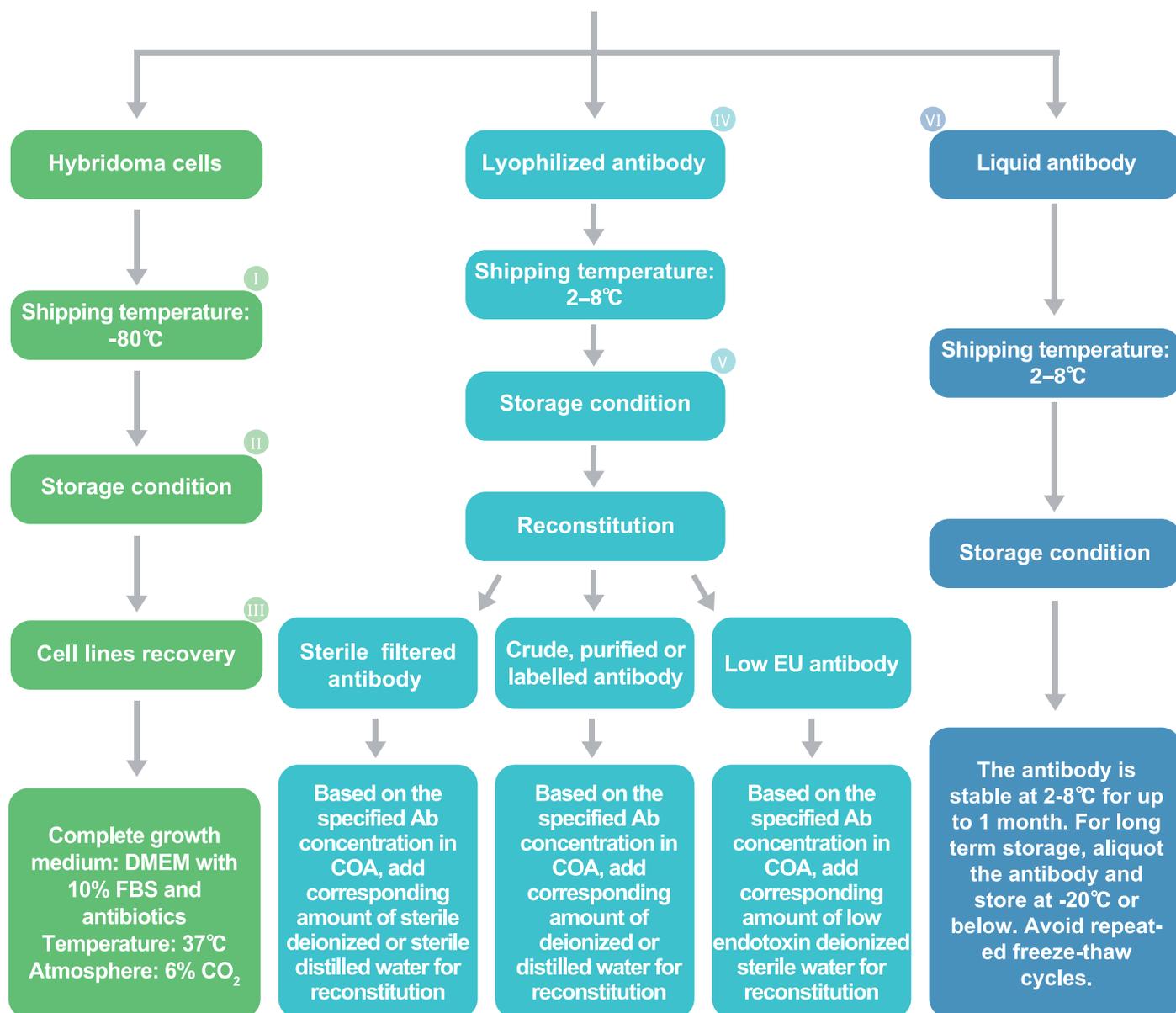


Antibody user instructions



Suggested dilutions for antibodies

	Tissue Culture Supernatant	Ascites	Whole Antiserum	Purified Antibody
WB/dot blot	neat to 1/10	1/1000-1/5000	1/100-1/500	0.2-1 µg/ml
IHC/ICC	neat to 1/10	1/100-1/500	1/50-1/100	5-10 µg/ml
EIA/ELISA	1/10-1/1000	1/5000-1/20000	1/500-1/1000	0.05-0.2 µg/ml
FACS/Flow Cytometry	neat to 1/10	1/100-1/500	1/100-1/500	0.5-10 µg/ml
IP	neat to 1/10	1/100-1/1000	1/10-1/50	1-10 µg/ml

Notice:

- I. If the cells are thawed upon arrival, please contact us immediately.
- II. Immediately transfer the frozen cell vials into liquid nitrogen (LN2) tank or other equivalent equipment.
- III.
 - a. Remove the frozen vial from the LN2 storage and transfer to 37°C water bath immediately.
 - b. When the cells are almost thawed (only a little chunk of ice left), move the vials to an ice bath.
 - c. Transfer the cells to a 15 ml sterile centrifuge tube and add 13-15 ml culture medium.
Centrifuge at 1000 rpm for 5 minutes.
 - d. Remove the supernatant and resuspend the cell pellet with 8-10 ml complete growth medium and then transfer the cells to a T-25 culture flask. It is highly recommended that 1 ml culture from the T-25 flask be transferred into a 24-well plate. Place both T-25 flask and 24-well plate to a CO₂ incubator.
 - e. Monitor the culture daily and perform cell passaging as needed.
- IV. Serum, cell supernatant, ascites, antibody, sterile filtered antibody, low EU antibody or conjugated antibody is delivered in lyophilized form.
- V. The lyophilized product remains stable in lyophilized form for at least one year if stored at -20°C or below. The reconstituted antibody is stable at 2-8°C for up to 1 month. For long term storage, aliquot the antibody and store at -20°C or below. Avoid repeated freeze-thaw cycles.
- VI. Serum, cell supernatant, ascites, antibody, sterile filtrated antibody, low EU antibody or conjugated antibody is delivered in liquid form.



GenScript will keep backup hybridoma cell lines for free for 6 months from the completion of the project in case further cell banking and storage services are required.