# Culture Medium for Mouse Hybridoma

## KBM353

KBM353 is a serum-free CD(Chemically Defined) liquid medium developed for the culture of mouse hybridomas, and containing no animal-derived ingredients and protein.


### Features

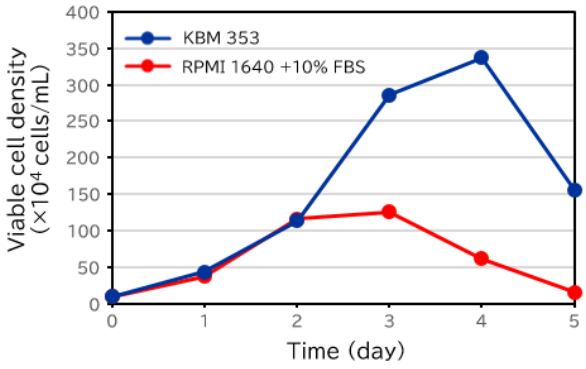
- No animal-derived ingredients and protein contained.
- Easy to purify antibodies.
- Better growth performance than serum-contained media.
- Can be used under shaking and static conditions.
- For the stability of the medium, this product doesn't contain L-glutamine.

### Cell culture example

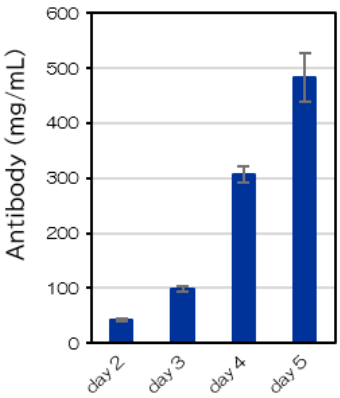
**[Protocol]**

Cells: Mouse Hybridoma
Medium: KBM 353 (30 mL with 5mM Gln), RPMI 1640 +FBS 10%
Vessel: 100 mL glass flask
Protocol: $10\times10^4$ cells/mL, 37℃・5% shaking culture under a carbon dioxide environment
(Acclimation test is seeded at $20\times10^4$ cells/mL)

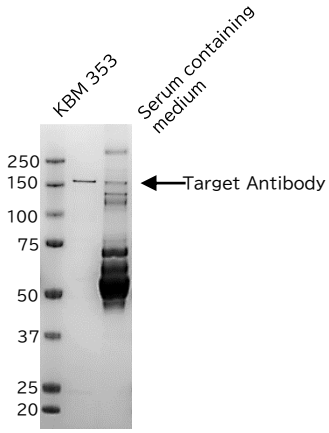
**● Cell growth curve**



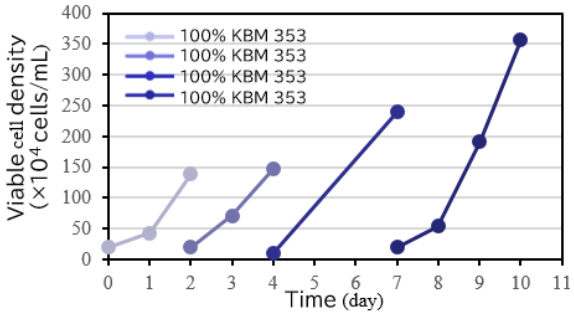

**● Antibody-producing capacity for KBM353**




**● Proteins in culture supernatant**




**● Acclimation from serum-added medium to KBM353**




When transferring from serum-added medium to KBM353, it is confirmed that acclimation is possible in several passages of culture after total replacement with KBM353 without adjusting the concentration with the existing medium.

| Product No. | Product Name | Size | Price | Shelf Life | Storage |
|---|---|---|---|---|---|
| 16023530 | KBM 353 | 1,000mL | JPY13,500 | 12 months | 2～8℃ |

*This product is sold for research purpose only

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