



Code No. KAL-KH004-EX

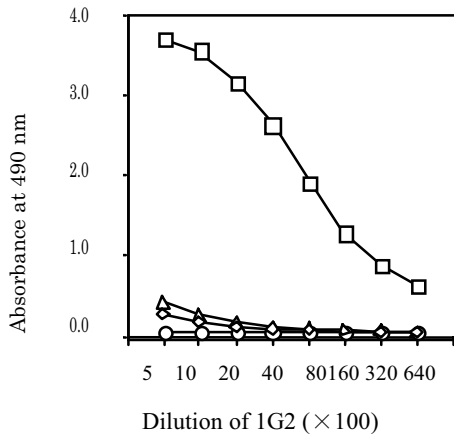
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## Mouse Anti Carp Vitellogenin Monoclonal Antibody

(Clone No 1G2)

Package Size	100 $\mu$ g(100 $\mu$ l/vial)
Format	Mouse monoclonal antibody 1.0mg/ml
Buffer	10mM sodium phosphate , 0.15M sodium chloride , 1%BSA , pH7.4
Storage	Store below $-20^{\circ}\text{C}$ . Once thawed, store at $4^{\circ}\text{C}$ . Repeated freeze-thaw cycles should be avoided.
Clone No.	1G2
Subclass	IgG1
Immunogen source	Carp lipovitellin purified from eggs
Working dilution	Immunoblotting 1 $\mu$ g/ml ; ELISA 0.1 ~ 1 $\mu$ g/ml (Fixed quantity system by ELISA has not been established.)
Specificity	<cross reactivity>

	Carp	Medaka	Mummichog	Red sea bream
ELISA	(+)	( $\pm$ )	(-)	(-)
Immunoblotting	(+)	(-)	(-)	(-)



1 2 3 4

Antigen

- Carp
- ◇— Red sea braem
- Mummichog
- △— Medaka



←Vitellogenin

Sample

- 1.Red sea bream
- 2.Carp
- 3.Mummichog
- 4.Medaka

### ELISA

Antigen: Carp vitellogenin was purified from female serum. Red sea bream , mummichog and medaka vitellogenins were purified from male fish indused with  $17\beta$ -estradiol. Each antigen were diluted to 5  $\mu$  g/mL and added to microtiter plate.

Primary antibody:

Purified monoclonal antibody (1G2)

### IMMUNOBLOTTING

Sample :Plasma(dilution 1:40) from female fish (carp) or male fish induced with  $17\beta$ -estradiol (red sea bream, mummichog and medaka).

Primary antibody: 1G2 diluted 1:1000

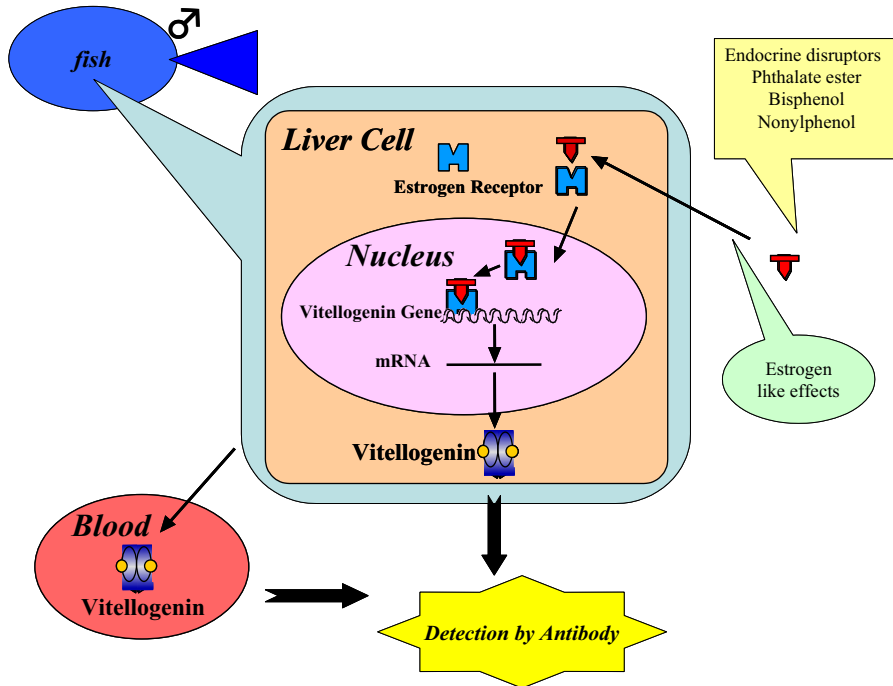


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**Mouse Anti Carp Vitellogenin Monoclonal Antibody**

(Clone No1G2)



**【References】**

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