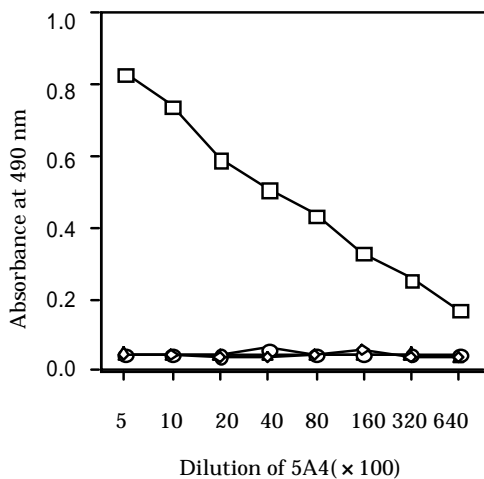


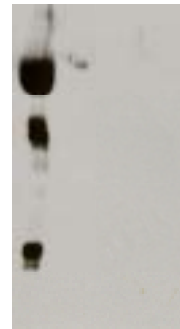
Anti Red Sea Bream Vitellogenin Monoclonal Antibody (Clone No. 5A4)

Package Size 100 µ g (100 µ 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
 Once thawed, store at 4 . Repeated freeze-thaw cycles should be avoided.
 Clone No. 5A4
 Subclass IgG1
 Immunogen source Red sea bream vitellogenin purified from plasma of 17 -estradiol induced fish
 Working dilution Immunoblotting 0.1 ~ 1 µ g/ml
 ELISA 0.25 ~ 2 µ g/ml (Fixed quantity system by ELISA has not been established.)
 Specificity < cross reactivity >

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



1 2 3 4



Vitellogenin

Sample

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

ELISA

Antigen: Red sea bream mummichog and medaka vitellogenins were purified from male fish induced with 17 -estradiol and carp vitellogenin was purified from female. Each antigen were diluted to 1 µ g/mL and added to microtiter plate.

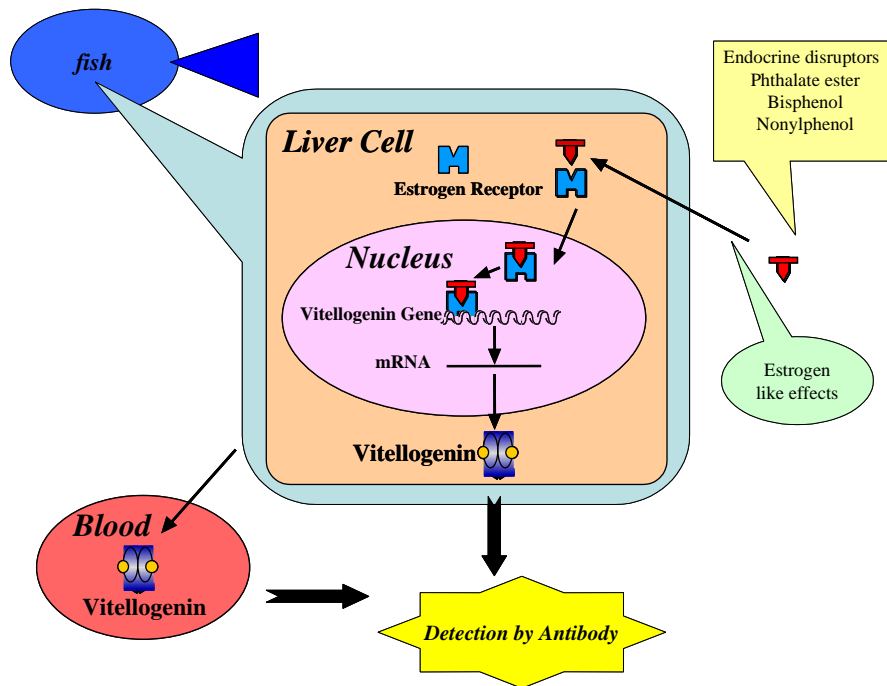
Primary antibodies: Purified monoclonal antibody (5A4)

IMMUNOBLOTTING

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

Primary antibody: 5A4 diluted 1:1000

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【References】

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Manufacturer



7-1-14 Minatojimaminami-machi, Chuo-ku, Kobe, Japan 650-0047

Telephone: +81-78-306-0295 FAX:+81-78-306-0296

URL:<http://www.transgenic.co.jp> techstaff@transgenic.co.jp