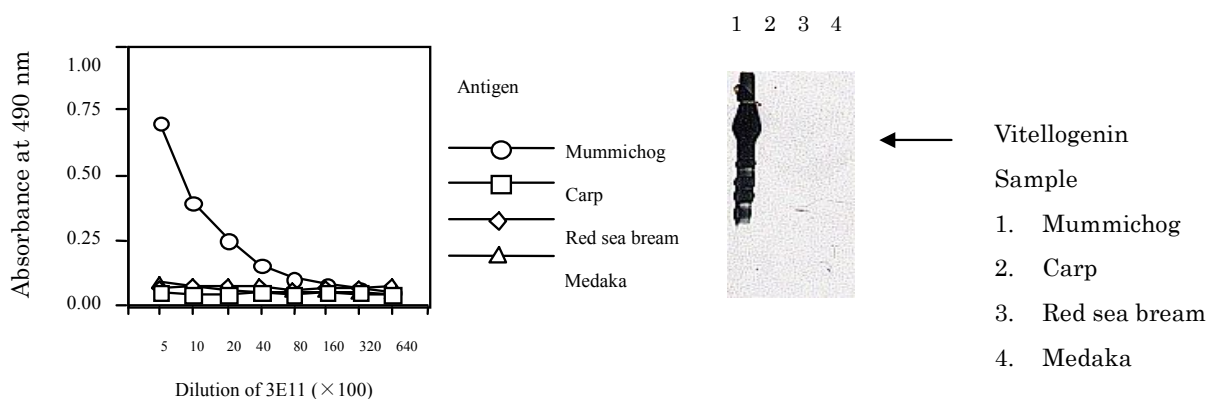


Anti Mummichog Vitellogenin Monoclonal Antibody (Clone No. 3E11)

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°C Once thawed, store at 4°C. Repeated freeze-thaw cycles should be avoided.
Clone No.	3E11
Subclass	IgG1
Immunogenic source	Mummichog vitellogenin purified from serum of 17 β -estradiol induced fish
Working dilution	Immunoblotting 1 μ g/mL ELISA 1~2 μ g/mL(Fixed quantity system by ELISA has not been established.)
Specificity	< cross reactivity >

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



ELISA

Antigen:

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

Primary antibody:

IMMUNOBLOTTING

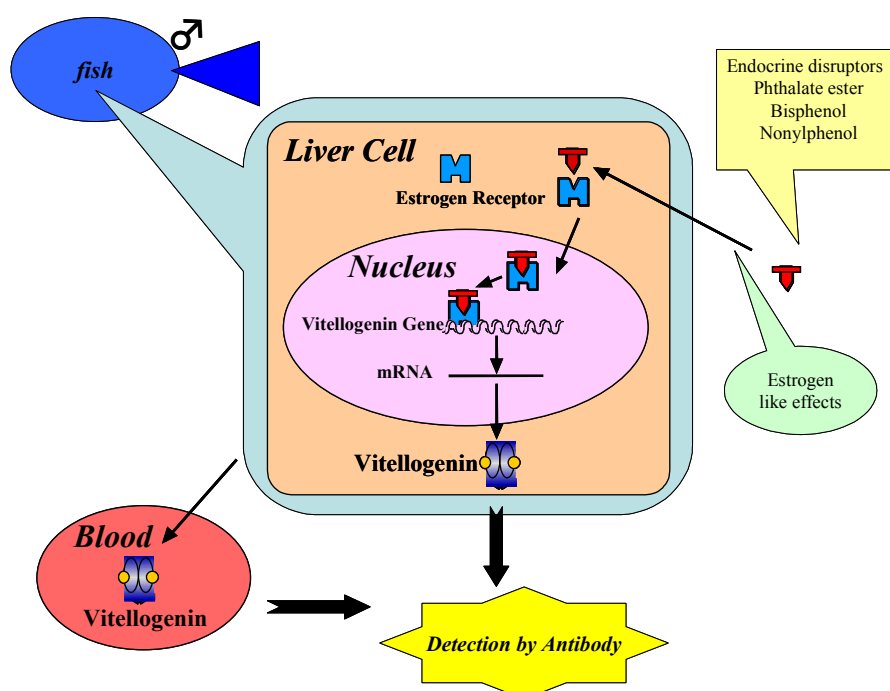
Sample:

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

Primary antibody:

3E11 diluted 1:1000

Anti Mummichog Vitellogenin Monoclonal Antibody (Clone No. 3E11)



【References】

1. N.Hiramatsu, M.Shimizu, H.Fukada, M.Kitamura, K.Ura, H.Fuda, and A.Hara, (1997) *Comp. Biochem Physiol.* 118C(2) 149-157
2. N.Hiramatsu and A.Hara. (1996) *Comp Biochem Physiol.* 115A(3) 243-251
3. H.Okumura, A.Hara, F.Saeki, T.Todo, S.Adachi and K.Yamauchi,(1995) *Fisheries Science* , 61(2) 283-289
4. T.Matsubara, T.Wada and A.Hara, (1994) *Comp Biochem Physiol.* 109B(4) 545-555
5. Y.Tao, A.Hara, R. G. Hodson, L. C. Woods III and C. V. Sullivan, (1993) *Fish Physiol. Biochem.* 12(1) 31-46
6. A.Hara, C. V. Sullivan and W.W. Dickhoff,(1993) *Zool. Sci.*, 10(2), 245-256

Supplier

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