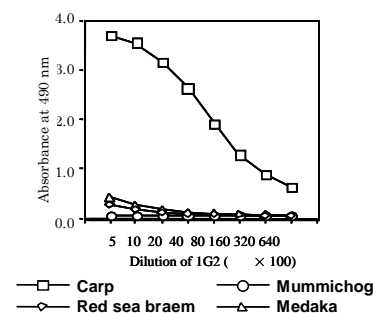


Anti – Vitellogenin

Cat No.	Size	Conjugation	Price	Application	Note
KH004	100 μ g/100 μ l	—	¥40,000	ELISA, WB	

Host : — **Specificity** : Carp
Isotype : IgG1 **Clonality** : Monoclonal Antibody (1G2)
Immunogen : Carp lipovitellin purified from eggs
Purity : ProteinG Affinity Purified **Cross Reactivity** : Not tested

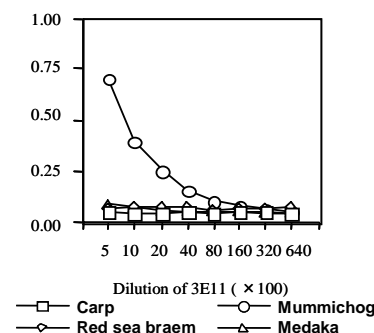


Anti – Vitellogenin

Cat No.	Size	Conjugation	Price	Application	Note
KH005	100ug/100ul	—	¥40,000	ELISA, WB	

Host : — **Specificity** : Mummichog
Isotype : IgG1 **Clonality** : Monoclonal Antibody (3E11)
Immunogen : Mummichog vitellogenin purified from serum of 17 β -estradiol induced fish
Purity : ProteinG Affinity Purified **Cross Reactivity** : Not tested

Antigen:
 Carp vitellogenin was purified from female serum.Red sea bream,mummichog and medaka vitellogenins were purified from male fish indused with 17 β -estradiol. Each antigen were diluted to 1 μ g/mL and added to microtiter plate.
 Primary antibody:
 Purified monoclonal antibody(3E11)

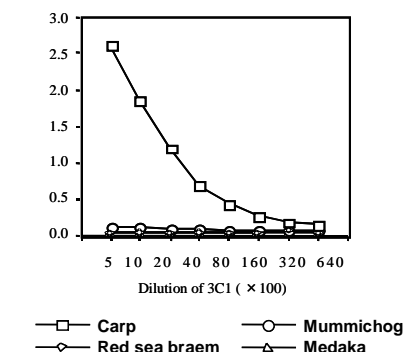


Anti – Vitellogenin

Cat No.	Size	Conjugation	Price	Application	Note
KH006	100 μ g/100 μ l	—	¥40,000	ELISA, WB	

Host : — **Specificity** : Medaka
Isotype : IgG1 **Clonality** : Monoclonal Antibody (3C1)
Immunogen : Medaka vitellogenin purified from 17 β -estradiol treated serum and ascite
Purity : ProteinG Affinity Purified **Cross Reactivity** : Not tested

Antigen:
 Medaka vitellogenin was purified from female serum. Red sea bream and mummichog vitellogenins were purified from male fish indused with 17 β -estradiol. Each antigen were diluted to 5 μ g/mL and added to microtiter plate
 Primary antibody (3C1) Purified monoclonal antibody

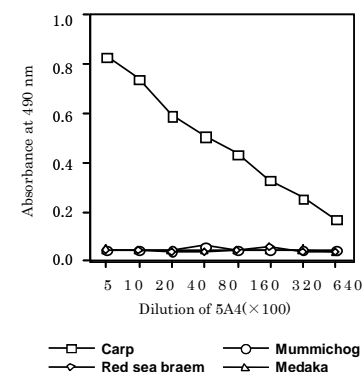


Anti – Vitellogenin

Cat No.	Size	Conjugation	Price	Application	Note
KH007	100 μ g/100 μ l	—	¥40,000	ELISA, WB	

Host : — **Specificity** : Red Sea Bream
Isotype : — **Clonality** : Monoclonal Antibody (5A4)
Immunogen : Red sea bream vitellogenin purified from plasma of 17 β -estradiol induced fish
Purity : ProteinG Affinity Purified **Cross Reactivity** : Not tested

Antigen:
 Red sea bream mummichog and medaka vitellogenins were purified from male fish induced with 17 β -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)



Anti – Metallothionein

Cat No.	Size	Conjugation	Price	Application	Note
KA009	100 μ g/100 μ l	—	¥45,000	WB	
KA009-1	100 μ g/100 μ l	Biotin	¥70,000	WB	

Host	: Mouse	Specificity	: Rabbit
Isotype	: IgG1	Clonality	: Monoclonal Antibody (1A12)
Immunogen	: Metallothionein		
Purity	: ProteinG Affinity Purified	Cross Reactivity	: Human, mouse, rat

Metallothionein(MT), a cysteine-rich(30%), metal-binding protein, exists in most tissues and is easily induced by many stimuli. It's multifunction roles in the body have been proposed such as a chelator to harmful heavy metals and excessive essential metals, a scavenger to various radicals and active oxygen species, and a regulator in the cell proliferation process.

This product consists of protein G purified mouse monoclonal antibody against rabbit MT-2 and can be used for immunoblotting. This antibody reacts with rabbit MT-1,2, human MT-1, mouse MT-1 and rat MT-1.

Anti – Estrogen Receptor α (ER α)

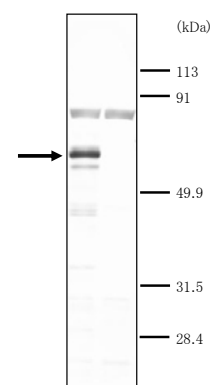
Cat No.	Size	Conjugation	Price	Application	Note
KR092	25 μ g / 100 μ l	—	¥49,000	WB	

Host	: Rabbit	Specificity	: Alligator
Isotype	: —	Clonality	: Polyclonal Antibody
Immunogen	: Partial peptide of alligator Estrogen Receptor α (C terminal)		
Purity	: Antigen Affinity Purified	Cross Reactivity	: Not tested

Preparation of antibodies and instruction :

Iguchi T, Katsu Y

Department of Bio-Environmental Science, Okazaki Institute for Integrative Bioscience, National Institutes for Natural Sciences



Sample :

- ① Alligator ER α induced cell lysate
- ② Vector

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