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Datasheet for ABIN123821
anti-Vitellogenin antibody

3 Images

Overview

Quantity:	100 µL
Target:	Vitellogenin (VTG)
Reactivity:	Zebrafish (Danio rerio)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Vitellogenin antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Vitellogenin purified from whole body homogenate of 17β-estradiol-treated zebrafish.
Clone:	JE-2A6
Isotype:	IgG2b kappa
Specificity:	JE-2A6 binds with high affinity to vitellogenin in whole body homogenate samples from zebrafish. The antibody does not cross-react with vitellogenin from the other cyprinid species carp (Cyprinus carpio), fathead minnow (Pimephales promelas) and roach (Rutilus rutilus).

Target Details

Target:	Vitellogenin (VTG)
Alternative Name:	Vitellogenin (VTG Products)

Application Details

Application Notes: JE-2A6 binds specifically to zebrafish vitellogenin in both ELISA and western blot. Since assay conditions vary, the optimum dilution should be determined for each particular application.

Note: The antibody is dissolved in a buffer containing BSA, and is therefore not recommended to use for coating. Normal dilution range: ELISA: 1:100 - 1:1000 - Western blot: 1:100 ? 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

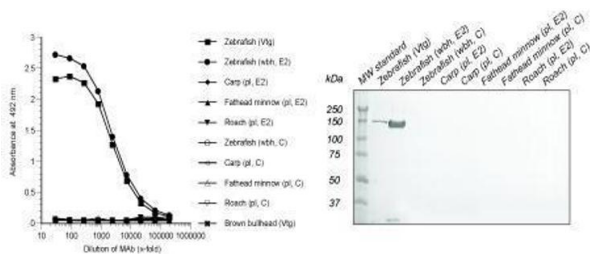
Buffer: 0.1 M Na-phosphate, 0.15 M NaCl, 1% BSA, 12.3 mM Na-azide, pH 7.4.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Validation report #104333 for Multiplex Immunohistochemistry (mIHC)

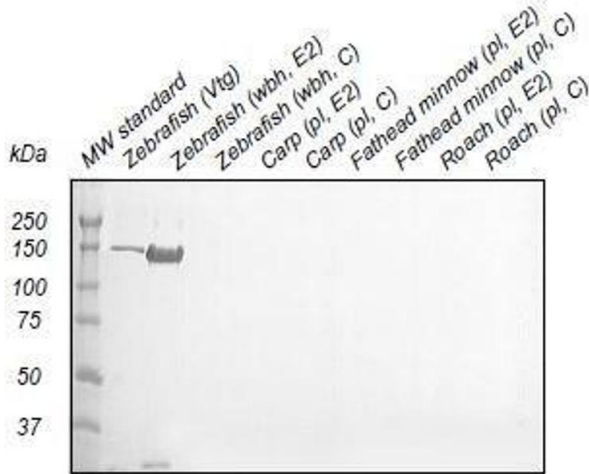


Western blot
Samples: Whole body homogenate (wt); 10 μ g protein/well) or plasma (pl; 1:200, 10 μ l/well) from 17 β -estradiol treated (E2) or control (C) fish. Purified vitellogenin (Vtg; 1 μ g/well).
Primary antibody: JE-2A6 diluted 1:200

Image 1.

Western Blotting

Image 2.



ELISA

Image 3.

