

## Anti-ZHX2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

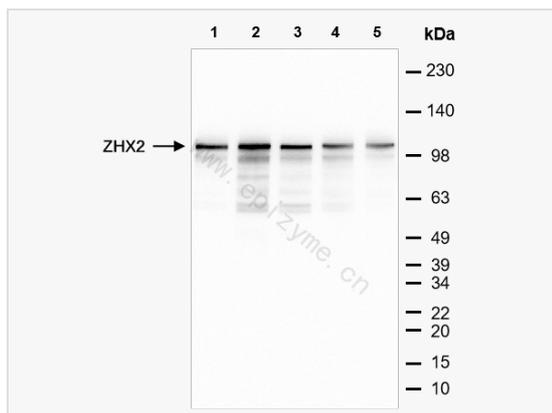
Catalog # R014249

### Product Information

Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	23N75D09
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human ZHX2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-ZHX2 Rabbit mAb [23N75D09] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	AFP regulator 1, AFR1, Alpha fetoprotein regulator 1, Alpha-fetoprotein regulator 1, KIAA0854, RAF, Regulator of AFP, Transcription factor ZHX2, ZHX2, ZHX2_HUMAN, Zinc finger and homeodomain protein 2, Zinc fingers and homeoboxes 2, Zinc fingers and homeoboxes protein 2.
Calculated MW	Calculated MW: 92 kDa; Observed MW: 110 kDa
Uniprot ID	Q9Y6X8
Gene ID	22882
Background	Acts as a transcriptional repressor.
Cellular Location	Nucleus.
Tissue Location	Ubiquitously expressed.



Western Blot - Anti-ZHX2 Rabbit mAb [23N75D09]

All lanes: R014249 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 5: T24 (Human bladder cancer epithelial cell) whole cell lysates

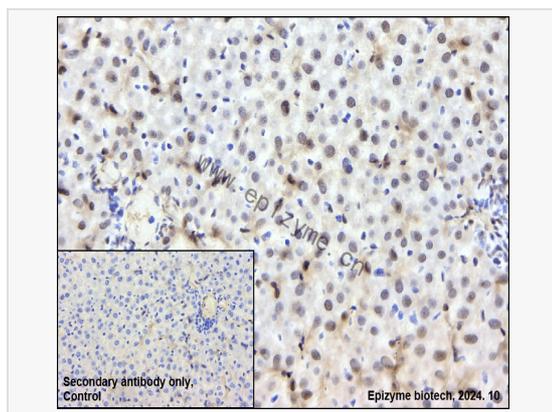
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 92 kDa

Observed band size: 110 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-ZHX2 Rabbit mAb [23N75D09]

Sample: Paraformaldehyde-fixed, paraffin embedded rat liver tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014249 at 1:200 dilution

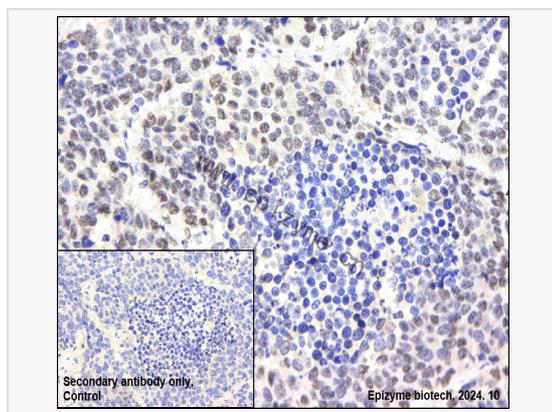
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-ZHX2 Rabbit mAb [23N75D09]

Sample: Paraformaldehyde-fixed, paraffin embedded human hepatoma cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014249 at 1:200 dilution

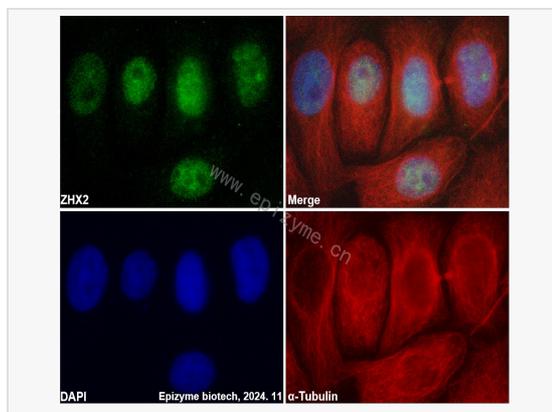
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunofluorescence - Anti-ZHX2 Rabbit mAb [23N75D09]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R014249 at 1:100 dilution and  $\alpha$ -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and

Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).