

EYA2 MAB

EYA2 Monoclonal Antibody

Cat. #: 26052

Gene Symbol: EYA2

Description: Anti-EYA2 Mouse Monoclonal Antibody

Background: EYA2 (eyes absent homolog 2) functions as a tyrosine phosphatase that specifically dephosphorylates Tyr-142 of histone H2AX. EYA2 promotes efficient DNA repair and coactivates SIX1. Together with SIX1 and DACH2, EYA2 seems to be involved in myogenesis.

Immunogen: A synthetic peptide near the N-terminus of human EYA2.

Applications: ELISA, WB, IHC, IP

Recommended Dilutions:

ELISA: 1:1000–1:5000

WB: 1:100–1:1000

IHC: 1:50–1:100

Concentration: 1 mg/ml

Host Species: Mouse

Format: Liquid

Clonality: Monoclonal

Isotype: IgG

Purity: Purified from ascites

Preservative: No

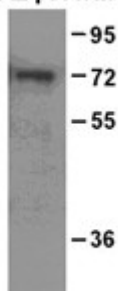
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Anti-EYA2 antibody recognizes EYA2 of vertebrates.

Storage Conditions: Store at -20°C. Avoid repeated freezing and thawing.

Western blot:

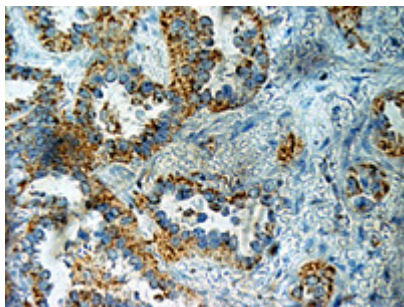
EYA2 protein



WB: Anti-EYA2 mAb

Western blot analysis of recombinant full-length EYA2 protein. Purified His-tagged EYA2 protein (Cat. # 10195) was blotted with anti EYA2 monoclonal antibody (Cat. # 26052).

Immunohistochemistry:



Immunohistochemical analysis of paraffin-embedded human adenocarcinoma tissue with anti EYA2 monoclonal antibody (Cat. # 26052). Tissue section was fixed with formaldehyde and blocked with 1% serum for 15 min at 37 °C. Antigen retrieval was by heat mediation in citrate buffer (pH6). Samples were then incubated with primary antibody (1:50) overnight at 4°C. A HRP-conjugated Goat anti-mouse IgG (dilution 1:50) was used as the secondary antibody.