

**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

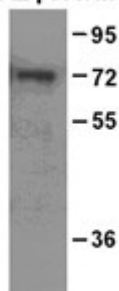
WB: 1:100–1:1000

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  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150 mM NaCl, 50% glycerol**Species Reactivity:** Anti-EYA2 antibody recognizes EYA2 of vertebrates.**Storage Conditions:** Store at  $-20^{\circ}C$ . Avoid repeated freezing and thawing.

## Western blot:

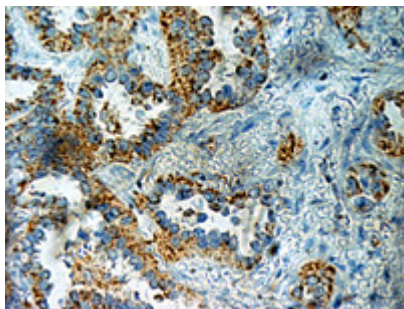
EYA2 protein



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.