

## HYDROXYACID OXIDASE 1 (4B4) MOUSE MAB

**Cat.#:** N261264

**Product Name:** Anti-Hydroxyacid Oxidase 1 (4B4) Mouse Monoclonal Antibody

**Synonyms:** Glycolate oxidase; GOX1; HAOX1; Hydroxyacid oxidase 1 antibody; MGC142225; GOX

**UNIPROT ID:** Q9UJM8

**Background:** Has 2-hydroxyacid oxidase activity. Most active on the 2-carbon substrate glycolate, but is also active on 2-hydroxy fatty acids, with high activity towards 2-hydroxy palmitate and 2-hydroxy octanoate.

**Immunogen:** Recombinant Protein of HAO1

**Applications:** WB, IHC-P, ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 4B4-3F7-9A6

**MW:** Calculated MW: 41 kDa; Observed MW: 41 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Mouse, Rat

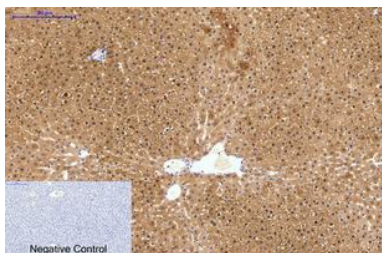
**Conjugation:** Unconjugated

**Modification:** Unmodified

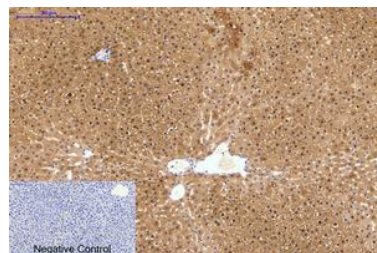
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Tags & Cell Markers

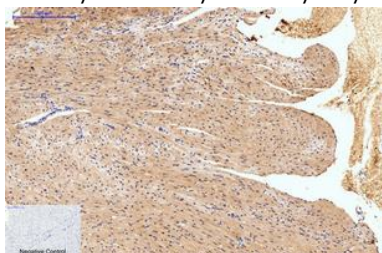
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



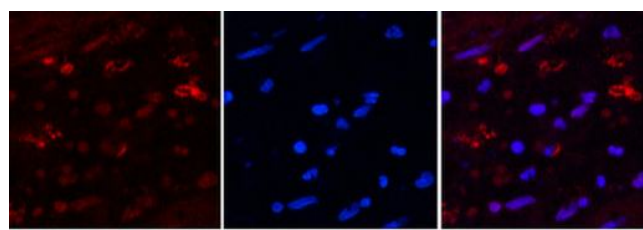
Immunohistochemistry analysis of paraffin-embedded Human tonsils using Hydroxyacid Oxidase 1 (4B4) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



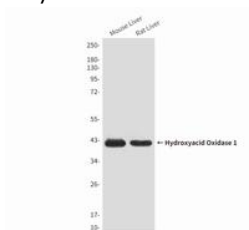
Immunohistochemistry analysis of paraffin-embedded Human liver tissue using Hydroxyacid Oxidase 1 (4B4) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded mouse heart tissue using HAO1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Immunofluorescence analysis of Hydroxyacid Oxidase 1 (4B4) in Human appendix using Hydroxyacid Oxidase 1 (4B4) antibody (red), and DAPI (blue).



Western blot analysis of Hydroxyacid Oxidase 1 in mouse Liver, rat Liver lysates using HAO1 antibody.