

Mouse anti-Mouse, Rat HAO1/GOX Monoclonal Antibody | anti-HAO1/GOX antibody

HAO1/GOX (4B4) Mouse mAb

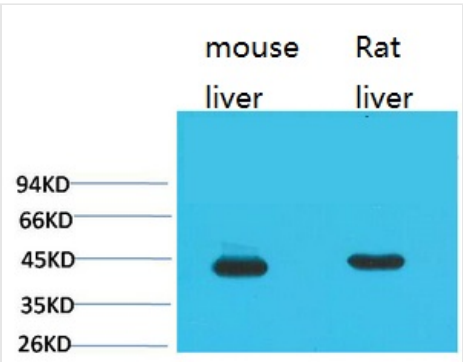
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23994	Mouse	Mouse, Rat	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence

PRODUCT SYNONYMS

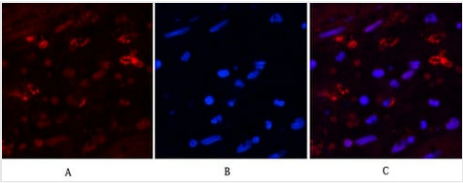
HAO1/GOX; Monoclonal Antibody; HAO1/GOX (4B4) Mouse mAb; Glycolate oxidase; GOX1; HAOX1; Hydroxyacid oxidase 1antibody; MGC142225; anti-HAO1/GOX antibody

PRODUCT SPECIFICATIONS

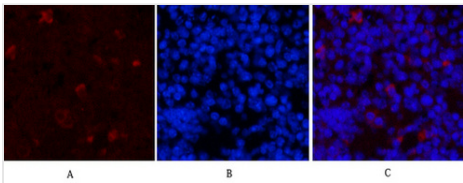
Host	Mouse
Reactivity	Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	4B4-3F7-9A6
Specificity	The antibody detects endogenous HAO1 protein.
Purity/Purification	Affinity purified
Form/Format	PBS, pH7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-HAO1/GOX antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:1000-2000 FC/FACS: 1:200 IHC: 1:50-300
Immunogen	Recombinant Protein of HAO1
Conjugation	Unconjugated
Modification	Unmodified
Cell Position	Peroxisome
Preparation and Storage	Store at 4 degree C for short term. Store at -20 degree C for long term. Avoid freeze/thaw cycle.



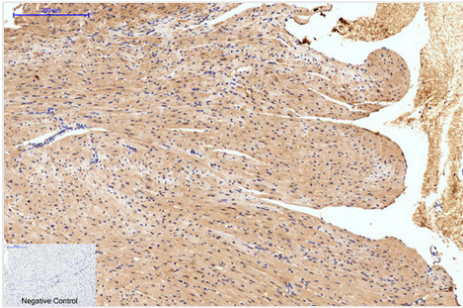
WB (Western Blot)
Western blot analysis of 1) Mouse Liver Tissue, 2) Rat Liver Tissue using HAO1 Monoclonal Antibody.



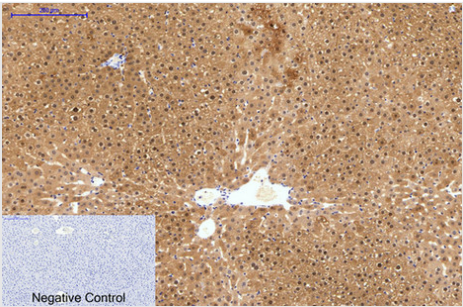
IF (Immunofluorescence)
Immunofluorescence analysis of Mouse-spleen tissue. 1,HAO1 Monoclonal Antibody(Mix)(red) was diluted at 1:200(4 degree C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



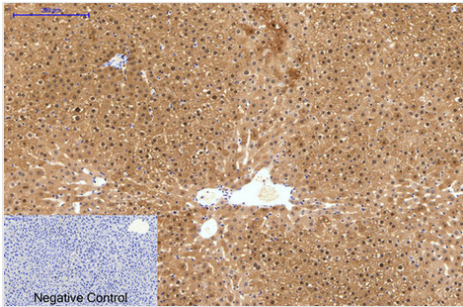
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IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Mouse-heart tissue. 1,HAO1 Monoclonal Antibody(Mix) was diluted at 1:200(4 degree C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Rat-liver tissue. 1,HAO1 Monoclonal Antibody(Mix) was diluted at 1:200(4 degree C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1,HAO1 Monoclonal Antibody(Mix) was diluted at 1:200(4 degree C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.

ADDITIONAL INFORMATION

Related Product Information for anti-HAO1/GOX antibody	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.
Product Categories/Family for anti-HAO1/GOX antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	11068137
NCBI GeneID	54363

NCBI Accession #	NP_060015.1
NCBI GenBank Nucleotide #	NM_017545.3
UniProt Accession #	Q9UJM8
NCBI Official Full Name	hydroxyacid oxidase 1
NCBI Official Synonym Full Names	hydroxyacid oxidase 1
NCBI Official Symbol	HAO1
NCBI Official Synonym Symbols	GOX; GOX1; HAOX1
NCBI Protein Information	hydroxyacid oxidase 1
UniProt Protein Name	Hydroxyacid oxidase 1
UniProt Gene Name	HAO1
UniProt Synonym Gene Names	GOX1; HAOX1; HAOX1; GOX
UniProt Entry Name	HAOX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hao1-gox-antibody-clone-4b4-3f7-9a6-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/23994>