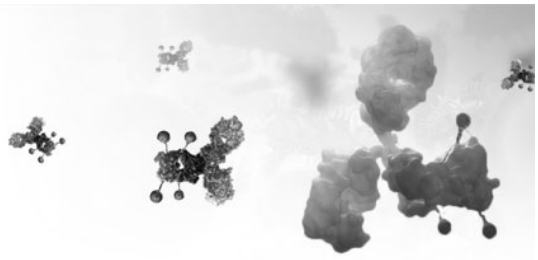

Anti-HAO1 monoclonal antibody, clone 4F8 (DCABH-567)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to HAO1
Antigen Description	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 full length Human HAO1 protein produced in HEK293T cells (NP_060015).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat, Human
Clone	4F8
Purity	Protein G purified
Purification	This antibody is purified from Mouse ascites fluid by affinity chromatography.
Conjugate	Unconjugated
Applications	WB
Positive Control	HeLa, HepG2, HT29, A549, COS7, Jurkat, MDCK, PC12 and MCF7 cell lysates; HEK293T cell lysate transfected with pCMV6-ENTRY HAO1 cDNA.
Format	Liquid
Size	100 µl

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Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol
Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	HAO1 hydroxyacid oxidase (glycolate oxidase) 1 [Homo sapiens]
Official Symbol	HAO1
Synonyms	HAO1; hydroxyacid oxidase (glycolate oxidase) 1; GOX1; hydroxyacid oxidase 1; GOX; glycolate oxidase; (S)-2-hydroxy-acid oxidase; HAOX1; MGC142225; MGC142227;
Entrez Gene ID	54363
Protein Refseq	NP_060015
UniProt ID	A8K058
Chromosome Location	20p12
Pathway	Glyoxylate and dicarboxylate metabolism, organism-specific biosystem; Glyoxylate and dicarboxylate metabolism, conserved biosystem; Glyoxylate metabolism, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Peroxisome, organism-specific biosystem;
Function	(S)-2-hydroxy-acid oxidase activity; FMN binding; glycolate oxidase activity; glycolate oxidase activity; glyoxylate oxidase activity; long-chain-(S)-2-hydroxy-long-chain-acid oxidase activity; medium-chain-(S)-2-hydroxy-acid oxidase activity; oxidoreduct

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