

SUOX monoclonal antibody (M03), clone 4F2

Catalog # H00006821-M03

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SUOX.
Immunogen	SUOX (NP_000447, 391 a.a. ~ 486 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	YAWSGGGRAVIRVDVSLDGGLTWQVAKLDGEEQRPRKAWAWRLWQLKAPVPAGQKELNIVCK AVDDGYNVQPD TVAPIWNLRGVLSNAWHRVHVYV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (89)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — SUOX

Entrez GeneID	6821
GeneBank Accession#	NM_000456

Protein Accession#	NP_000447
Gene Name	SUOX
Gene Alias	-
Gene Description	sulfite oxidase
Omim ID	272300 606887
Gene Ontology	Hyperlink
Gene Summary	Sulfite oxidase is a homodimeric protein localized to the intermembrane space of mitochondria. Each subunit contains a heme domain and a molybdopterin-binding domain. The enzyme catalyzes the oxidation of sulfite to sulfate, the final reaction in the oxidative degradation of the sulfur amino acids cysteine and methionine. Sulfite oxidase deficiency results in neurological abnormalities which are often fatal at an early age. Alternative splicing results in multiple transcript variants encoding identical proteins. [provided by RefSeq]
Other Designations	OTTHUMP00000158619

Pathway

- [Sulfur metabolism](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)