

Datasheet

SCO2 mouse monoclonal antibody (hybridoma)

is the human homolog of the yeast SCO2 gene.
[provided by RefSeq]

Catalog Number: H00009997-M

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody
raised against a full-length recombinant SCO2.

Immunogen: SCO2 (NP_005129.1, 1 a.a. ~ 266 a.a)
full-length recombinant protein with GST tag. MW of the
GST tag alone is 26 KDa.

Sequence:

MLLLTRSPATAWHRLSQLKPRVLP GTLGGQALHLRSWL
LSRQGP AETGGQGQPQGPGLRTRLLITGLFGAGLGG
AWLALRAEKERLQQQKRTEALRQA AVGQGDFHLLDH
RGRARCKADFRGQWVLMYFGFTHCPDICPDELEKLV
QVVRQLEAEPGLPPVQPVFITVDPERDDVEAMARYVQ
DFHPRLLGLTGSTKQVAQASHSYRVYYNAGPKDEDQ
DYIVDHSIAIYLLNPDGLFTDYYGRSRSAEQISDSVRRH
MAAFRSVLS

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re, WB-Tr
(See our web site product page for detailed applications
information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Entrez GeneID: 9997

Gene Symbol: SCO2

Gene Alias: MGC125823, MGC125825, SCO1L

Gene Summary: Mammalian cytochrome c oxidase
(COX) catalyzes the transfer of reducing equivalents
from cytochrome c to molecular oxygen and pumps
protons across the inner mitochondrial membrane. In
yeast, 2 related COX assembly genes, SCO1 and SCO2
(synthesis of cytochrome c oxidase), enable subunits 1
and 2 to be incorporated into the holoprotein. This gene