



RIOX2 Recombinant Monoclonal Antibody

Product Code	CSB-RA810267A0HU
Abbreviation	Ribosomal oxygenase 2
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q8IUF8
Immunogen	A synthesized peptide derived from human RIOX2
Species Reactivity	Human
Tested Applications	ELISA
Relevance	Oxygenase that can act as both a histone lysine demethylase and a ribosomal histidine hydroxylase. Is involved in the demethylation of trimethylated 'Lys-9' on histone H3 (H3K9me3), leading to an increase in ribosomal RNA expression. Also catalyzes the hydroxylation of 60S ribosomal protein L27a on 'His-39'. May play an important role in cell growth and survival. May be involved in ribosome biogenesis, most likely during the assembly process of pre-ribosomal particles.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Alias	Ribosomal oxygenase 2, 60S ribosomal protein L27a histidine hydroxylase, Bifunctional lysine-specific demethylase and histidyl-hydroxylase MINA, Histone lysine demethylase MINA, MYC-induced nuclear antigen, Mineral dust-induced gene protein, Nucleolar protein 52, Ribosomal oxygenase MINA, ROX, RIOX2
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	RIOX2
Clone No.	1E8
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.