



Mouse anti-Human GLRX3 monoclonal antibody, clone 5C63B9 (CABT-B10336)

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

PRODUCT INFORMATION

Immunogen	GLRX3 (AAH05289, 1 a.a. ~ 336 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	5C63B9
Conjugate	Unconjugated
Applications	WB, sELISA, ELISA
Sequence Similarities	MAAGAAEAAVAVEEVGSAGQFEELLRLKAKSLLVVHFWAPWAPQCAQMNEVMAELAKEL PQVSFVKLEAEGVPEVSEKYEISSVPTFLFFKNSQKIDRLDGAHAPELTKKVQRHASSGS FLPSANEHLKEDLNRLKKLTHAACPMLFMKGTPQEPRCGFSKQMVEILHKHNIQFSSFD IFSDEEVHQGLKAYSSWPTYPQLYVSGELIGLDIIKELEASEELDTICPKAPKLEERLK VLTNKASVMLFMKGN
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a member of the glutaredoxin family. Glutaredoxins are oxidoreductase enzymes that reduce a variety of substrates using glutathione as a cofactor. The encoded protein binds to and modulates the function of protein kinase C theta. The encoded protein may also inhibit apoptosis and play a role in cellular growth, and the expression of this gene may be a marker for cancer. Pseudogenes of this gene are located on the short arm of chromosomes 6 and 9. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2010]
Keywords	GLRX3; glutaredoxin 3; GRX3; GRX4; GLRX4; PICOT; TXNL2; TXNL3; glutaredoxin-3; glutaredoxin 4; PKC ζ -interacting protein; thioredoxin-like protein 2; PKC-theta-interacting protein; PKC-interacting cousin of thioredoxin;

GENE INFORMATION

Entrez Gene ID	10539
UniProt ID	O76003
Function	electron carrier activity; iron-sulfur cluster binding; metal ion binding; protein binding; protein disulfide oxidoreductase activity; protein kinase C binding
