



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

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|------------------------------|---|
| 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 | MAAGAAEAAVAAVEEVGSAGQFEELLRLKAKSLLVVHFWAPWAPQCAQMNEVMAELAKEL PQVSFVKLEAEGVPEVSEKYEISSVPTFLFFKNSQKIDRLDGAHAPELTKKVQRHASSGS FLPSANEHLKEDLNLRLKKLTHAAPCMLFMKGTPQEPRCGFSKQMVEILHKHNIQFSSFD IFSDEEVRQGLKAYSSWPTYPLQYVSGELIGGLDIIKELEASEELDTICPKAPKLEERLK 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; PKCq-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