

For Research Use Only

# GLRX3 Recombinant monoclonal antibody

Catalog Number: 86587-1-RR



## Basic Information

Catalog Number:

86587-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1775

GenBank Accession Number:

BC014372

GeneID (NCBI):

10539

UNIPROT ID:

O76003

Full Name:

glutaredoxin 3

Calculated MW:

37 kDa

Observed MW:

37-40 kDa

Purification Method:

Protein A purification

CloneNo.:

251530F9

Recommended Dilutions:

WB: 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : MCF-7 cells, A549 cells, Raji cells, Jurkat cells, mouse testis tissue, rat testis tissue

## Background Information

GLRX3 (Glutaredoxin-3) is also named as PICOT, TXNL2. Mammalian glutaredoxin 3 is an essential protein involved in the regulation of signal transduction, for instance during immune cell activation and development of cardiac hypertrophy, presumably in response to redox signals (PMID:20226171). Glnx3 could take a pivotal role in colon and lung cancer cells during the tumorigenesis, which is expressed in lung and colon cancers consistently and preferentially (PMID:19797004).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

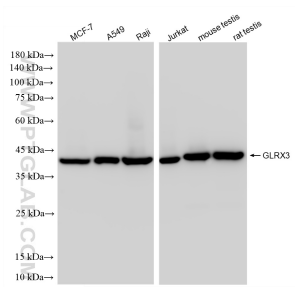
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

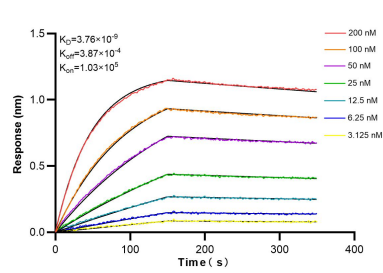
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86587-1-RR (GLRX3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86587-1-RR against Human GLRX3 were performed. The affinity constant is 3.76 nM.