

Datasheet for ABIN651225
anti-GLRX5 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	GLRX5
Binding Specificity:	AA 129-157, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLRX5 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This GLRX5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 129-157 amino acids from the C-terminal region of human GLRX5.
Clone:	RB25680
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GLRX5
Alternative Name:	GLRX5 (GLRX5 Products)
Background:	GLRX5 is monothiol glutaredoxin involved in the biogenesis of iron-sulfur clusters. GLRX5

Target Details

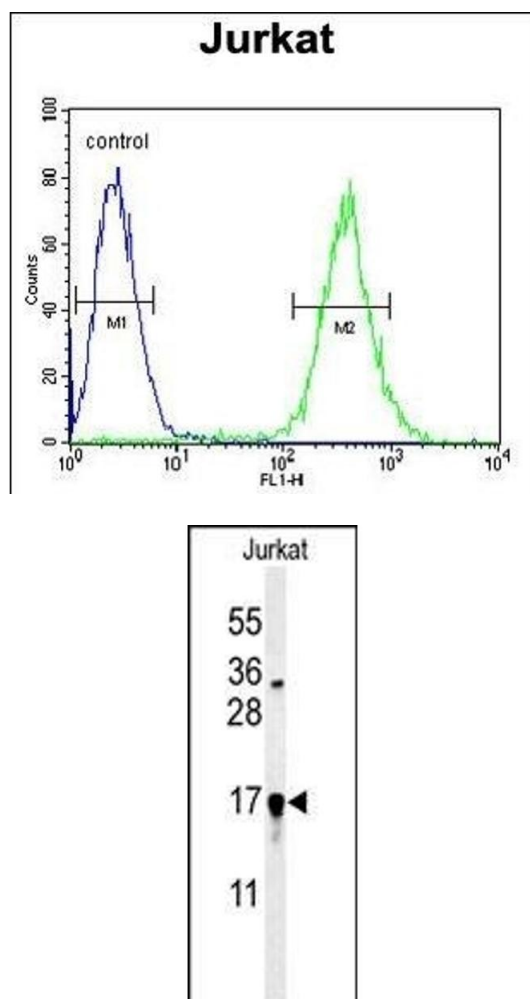
	required for normal iron homeostasis. GLRX5 is required for normal regulation of hemoglobin synthesis by the iron-sulfur protein ACO1.
Molecular Weight:	16628
Gene ID:	51218
NCBI Accession:	NP_057501
UniProt:	Q86SX6
Pathways:	Cell RedoxHomeostasis

Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. GLRX5 Antibody (C-term) (ABIN651225 and ABIN2840140) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of GLRX5 Antibody (C-term) (ABIN651225 and ABIN2840140) in Jurkat cell line lysates (35 µg/lane). GLRX5 (arrow) was detected using the purified Pab.