

Anti-Glutathione Peroxidase 4 [R01-6I5] Monoclonal Antibody

AGMB01488

Description

This Anti-Glutathione Peroxidase 4 [R01-6I5] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	AGMB01488
Contents:	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
Synonyms:	Phospholipid hydroperoxide glutathione peroxidase, mitochondrial, PHGPx, EC 1.11.1.12, Glutathione peroxidase 4, GPx-4, GSHPx-4, GPX 4, GPX-4,
Applications:	WB IHC-F IHC-P ICC/IF
Research Area:	Signal Transduction
Form:	Liquid

Antibody Data

Reactivity:	Human, Mouse, Rat
Clone:	R01-6I5
Clonality:	Monoclonal Antibody
SwissProt ID:	P36969
Immunogen:	A synthesized peptide derived from human GPX4
Gene ID:	2879

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

Gene Name:	GPX4
Host Species:	Rabbit
Isotype:	IgG
Purification:	Affinity Chromatography
Conjugated:	Unconjugated
Modification:	Unmodified
Molecular Weight:	Calculated MW: 22 kDa, Observed MW: 17 kDa

Preparation & Storage

Storage: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Store Bradford Reagent at Room Temperature for 1 Year.

Storage Buffer: Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

Antibody Dilution Ratio:	Application	Antibody Dilution Ratio
	WB	1:1000-1:2000
	IHC	1:100-1:200
	IF	1:50-1:200
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol.	