

Product Datasheet

Peroxiredoxin 1 Antibody (4B11-D10) - Azide and BSA Free H00005052-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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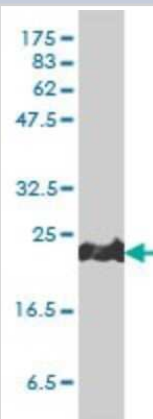


H00005052-M01**Peroxiredoxin 1 Antibody (4B11-D10) - Azide and BSA Free**

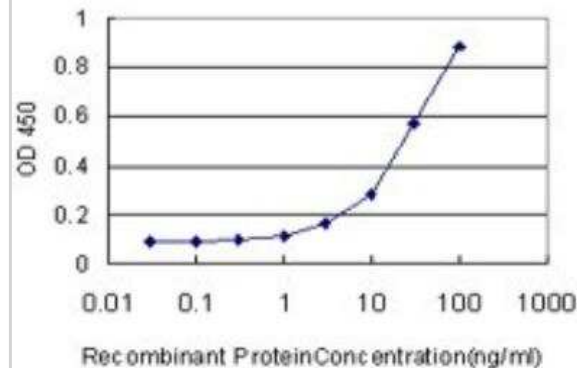
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4B11-D10
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5052
Gene Symbol	PRDX1
Species	Human
Specificity/Sensitivity	PRDX1 - peroxiredoxin 1
Immunogen	PRDX1 (AAH07063, 1 a.a. ~ 199 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSSGNAKIGHPAPNFKATAVMPDGQFKDISLSDYKGYVFFFHPLDFTFVCPT EIIAFSDRAEEFKKLNQVIGASVDSHFCHLAWVNTPKKQGGLGPMNIPLVSDP KRTIAQDYGVKKADEGISFRGLFIIDDKGILRQITVNDLPVGRSVDETLRLVQAFQ FTDKHGEVCPAGWKPGSDTIKPDVQKSKEYFSKQK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate for WB. It has been used for ELISA.

Images

Western Blot: Peroxiredoxin 1 Antibody (4B11-D10) [H00005052-M01] - PRDX1 monoclonal antibody (M01), clone 4B11-D10 Analysis of PRDX1 expression in HeLa.



ELISA: Peroxiredoxin 1 Antibody (4B11-D10) [H00005052-M01] - Detection limit for recombinant GST tagged PRDX1 is approximately 1ng/ml as a capture antibody.



Publications

Janssen MC, Koene S, de Laat P et al. The KHENERGY Study: Safety and Efficacy of KH176 in Mitochondrial m.3243A>G Spectrum Disorders. *Clin Pharmacol Ther* 2018-07-30 [PMID: 30058726]

Horie K, Mikami T, Yoshida T et al. Peroxiredoxin 1 expression in active ulcerative colitis mucosa identified by proteome analysis and involvement of thioredoxin based on immunohistochemistry. *Oncol Lett* 2017-12-08 [PMID: 29434945]

Hirahashi M, Koga Y, Kumagai R et al. Induced nitric oxide synthetase and peroxiredoxin expression in intramucosal poorly differentiated gastric cancer of young patients. *Pathol Int.* 2014-04-01 [PMID: 24750185]



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Products Related to H00005052-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBC1-18543	Recombinant Human Peroxiredoxin 1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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