

Product Datasheet

Peroxiredoxin 4 Antibody (SAIC-40C-8) - Azide and BSA Free

NBP3-20106-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP3-20106-0.2mg

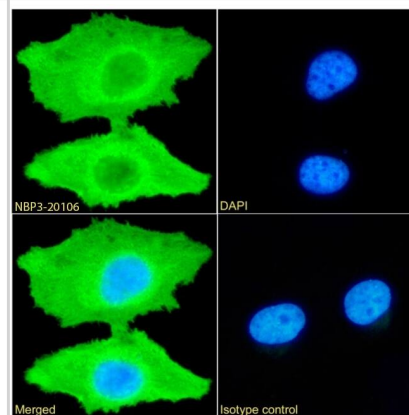
Peroxiredoxin 4 Antibody (SAIC-40C-8) - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	SAIC-40C-8
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	10549
Gene Symbol	PRDX4
Species	Human
Immunogen	Peptide "LVQAFQYTDK" derived from the cell redox-regulator Peroxiredoxin-4, conjugated to KLH.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Mass Spectrometry
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence, Mass Spectrometry
Application Notes	This Ab can be used in immunoMRM.

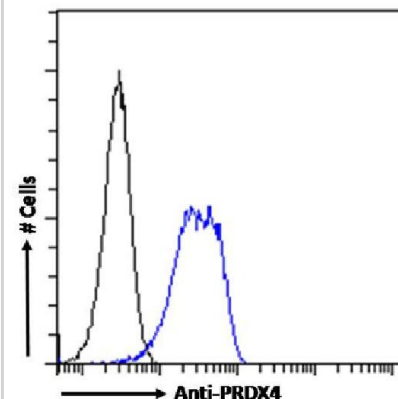


Images

Immunocytochemistry/Immunofluorescence: Peroxiredoxin 4 Antibody (SAIC-40C-8) - Azide and BSA Free [NBP3-20106] -
Immunofluorescence analysis of paraformaldehyde fixed HeLa cells permeabilized with 0.15% Triton stained with the chimeric rabbit IgG version of SAIC-40C-8 (NBP3-20106) (1:100 dilution) for 1h followed by Alexa Fluor(R) 488 secondary antibody (1:1000 dilution), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-20106, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.



Flow Cytometry: Peroxiredoxin 4 Antibody (SAIC-40C-8) - Azide and BSA Free [NBP3-20106] - Paraformaldehyde fixed HeLa cells
permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control, black line) or the rabbit IgG version of SAIC-40C-8 (NBP3-20106, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor(R) 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



Western Blot: Peroxiredoxin 4 Antibody (SAIC-40C-8) - Azide and BSA Free [NBP3-20106] - HEK293 cell lysates (35ug protein in RIPA buffer)
were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of SAIC-40C-8 (NBP3-20106) at 0.001 ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.





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Products Related to NBP3-20106-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP1-41141	Recombinant Human Peroxiredoxin 4 His Protein
DKK300	Kallikrein 3/PSA [HRP]

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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