

Product datasheet for **TA385912**

Peroxiredoxin 4 (PRDX4) Rabbit Monoclonal Antibody [Clone ID: SAIC-40C-8]

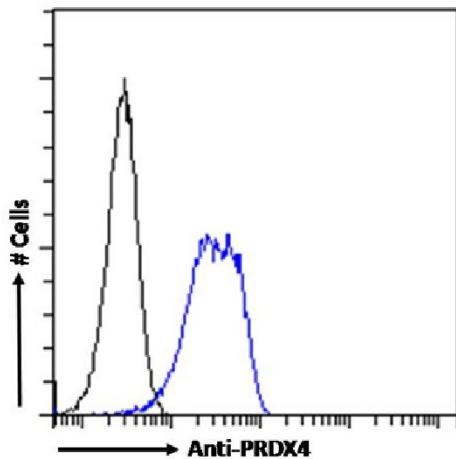
Product data:

Product Type:	Primary Antibodies
Clone Name:	SAIC-40C-8
Applications:	ELISA, WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	Peptide "LVQAFQYTDK" derived from the cell redox-regulator Peroxiredoxin-4, conjugated to KLH.
Specificity:	Recognises human PRDX4.
	Original data characterizing this antibody may be found here .
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	peroxiredoxin 4
Database Link:	Entrez Gene 10549 Human Q13162
Synonyms:	AOE37-2; PRX-4; Prx-IV

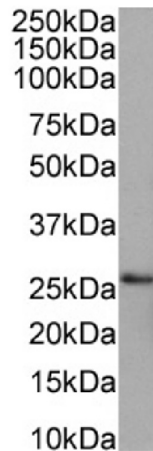


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Product images:



Flow cytometry using the Anti-PRDX4 antibody SAIC-40C-8 (TA385912). Paraformaldehyde fixed HeLa cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody ([TA385792]; isotype control, black line) or the rabbit IgG version of SAIC-40C-8 (TA385912, 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® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



Western Blot using anti-PRDX4 antibody SAIC-40C-8 (TA385912). HEK293 cell lysates (35µg protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of SAIC-40C-8 (TA385912) at 0.001 µg/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.