

Product datasheet for **TA385907**

Peroxiredoxin 2 (PRDX2) Rabbit Monoclonal Antibody [Clone ID: SAIC-34B-124]

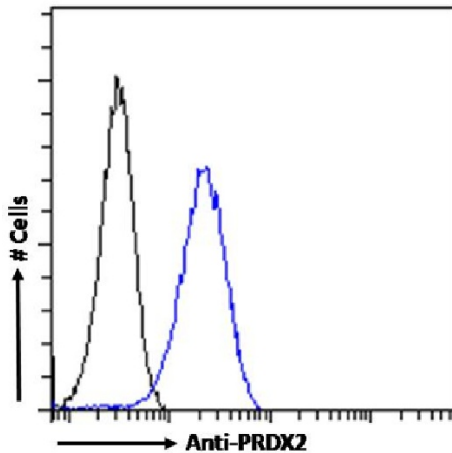
Product data:

| | |
|----------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | SAIC-34B-124 |
| Applications: | ELISA, WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG, kappa |
| Clonality: | Monoclonal |
| Immunogen: | Peptide "LSEDYGVLK", derived from the cellular redox regulator Peroxiredoxin-2, conjugated to KLH. |
| Specificity: | Recognises human PRDX2. 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 2 |
| Database Link: | Entrez Gene 7001 Human P32119 |
| Synonyms: | MGC4104; NKEF-B; NKEFB; PRP; PRX2; PRXII; TDPX1; torin; TSA |

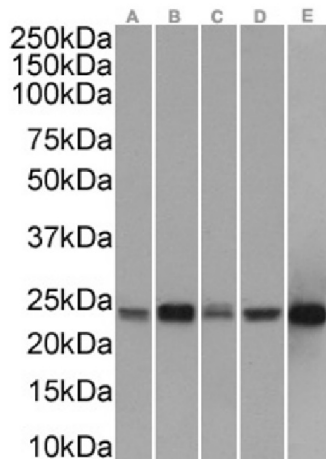


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Product images:



Flow cytometry using the Anti-PRDX2 antibody SAIC-34B-124 (TA385907). 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-34B-124 (TA385907, 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-PRDX2 antibody SAIC-34B-124 (TA385907). HepG2(A) (0.003µg/ml), HeLa(B) (0.003µg/ml), MCF7(C) (0.003µg/ml), K562(D) (0.003µg/ml) and LNCaP (E) (0.001µg/ml) 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-34B-124 (TA385907), before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.