

Anti-PRDX4 [SAIC-40A-24] Standard Size Ab00331-1.1

This is a chimeric antibody created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: SAIC-40A-24

Alternative Name(s) of Target: Peroxiredoxin-4

UniProt Accession Number of Target Protein: Q13162

Published Application(s): immunoMRM, WB, ELISA

Published Species Reactivity: Human

Immunogen: Peptide "QITLNDLPVGR", derived from the cell redox-regulator Peroxiredoxin-4, conjugated to KLH.

Specificity: Recognises human PRDX4.

Application Notes: Original data characterizing this antibody may be found [here](#).

Antibody First Published in: Schoenherr et al. Anti-peptide monoclonal antibodies generated for immuno-multiple reaction monitoring-mass spectrometry assays have a high probability of supporting Western blot and ELISA. Mol Cell Proteomics [PMID:25512614](#)

Note on publication: Describes generation a panel of recombinant antibodies using synthetic peptides of human proteins as well as validation using ELISA and multiple reaction monitoring-mass spectrometry.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

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

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.