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Peroxiredoxin 2 Antibody

Rabbit mAb
Catalog # AP90987

Product Information

Application	WB, IHC, IF, FC, ICC, IHF
Primary Accession	P32119
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	MGC4104; NKEFB; PRP; PRX2; PRXII; TDPX1; TSA; PRDX2;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	21892

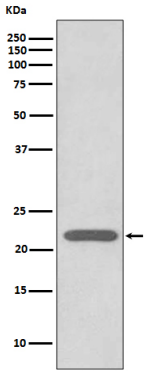
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Peroxiredoxin 2
Description	This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	PRDX2
Synonyms	NKEFB, TDPX1
Function	Thiol-specific peroxidase that catalyzes the reduction of hydrogen peroxide and organic hydroperoxides to water and alcohols, respectively. Plays a role in cell protection against oxidative stress by detoxifying peroxides and as sensor of hydrogen peroxide-mediated signaling events. Might participate in the signaling cascades of growth factors and tumor necrosis factor-alpha by regulating the intracellular concentrations of H(2)O(2).
Cellular Location	Cytoplasm.

Images



Western blot analysis of Peroxiredoxin 2 expression in HEK293 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.