

## Anti-Peroxiredoxin 1 Antibody (8J261)

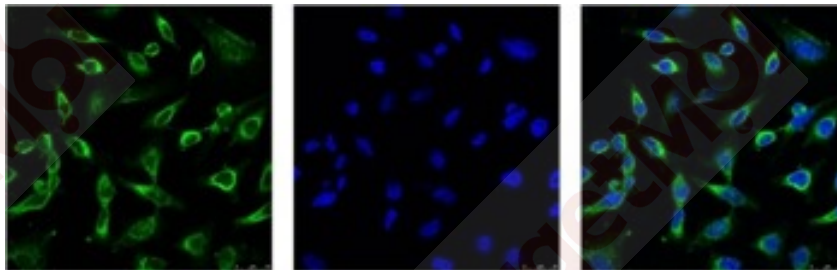
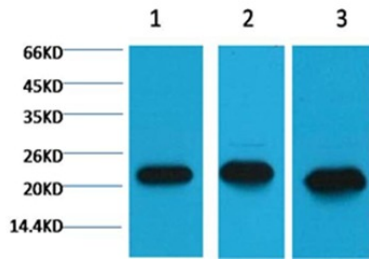
### Product Details

Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 21 kDa.
Clone:	8J261
Purification:	Affinity purification using immunogen.

### Applications

#### Verified Activity:

1. Western blot analysis of 1) MCF7, 2) Rat Kidney Tissue, 3) Mouse Brain Tissue, using TMAC-03163 diluted at 1:2000.
2. IF analysis of Hela with TMAC-03163 (Left) and DAPI (Right) diluted at 1:100.



Application:	IF,WB
Recommended	WB: 1:1000-3000;IF: 1:100-200

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Uniprot ID: Q06830

Synonyms: PRX1;MSP23;PAGA;PAG;NKEF-A;PAGB;PRXI;NKEFA;peroxiredoxin 1;TDPX2

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### Research Background

Peroxiredoxin-1 is a protein 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. Three transcript variants encoding the same protein have been identified for this gene.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481