

Peroxiredoxin 1 Monoclonal Antibody(8E7)

Description

Product type	Primary Antibody
Code	BT-MCA0069
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of Peroxiredoxin-1
Mol wt	N/A
Species reactivity	Human,Mouse,Rat
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC
Concentration	1 mg/ml
Full name	Peroxiredoxin-1
Synonyms	PRDX1; PAGA; PAGB; TDPX2; Peroxiredoxin-1; Natural killer cell-enhancing factor A; NKEF-A; Proliferation-associated gene protein; PAG; Thioredoxin peroxidase 2; Thioredoxin-dependent peroxide reductase 2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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. Four transcript variants encoding the same protein have been identified for this gene.

Recommended Dilution

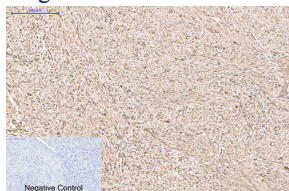
IF: 1:100-200

IHC: 1:50-300

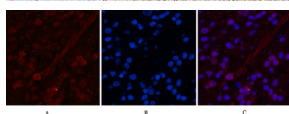
WB: 1:1000-3000

Not yet tested in other applications.

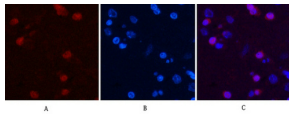
Images



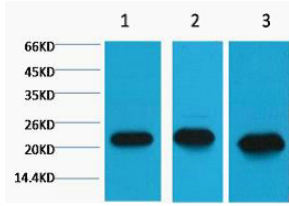
Immunohistochemical analysis of paraffin-embedded Human-uterus-cancer tissue. 1.Peroxiredoxin 1 Monoclonal antibody(8E7) was diluted at 1:200(4°C,overnight). 2.Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3.Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



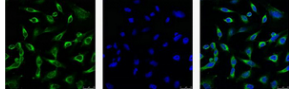
Immunofluorescence analysis of Human-appendix tissue. 1.Peroxiredoxin 1 Monoclonal antibody(8E7)(red) was diluted at 1:200(4°C,overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunofluorescence analysis of Rat-brain tissue. 1. Peroxiredoxin 1 Monoclonal antibody(8E7)(red) was diluted at 1:200(4°C, overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min). 3. Picture B: DAPI(blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



Western blot analysis of MCF7, Rat Kidney Tissue and Mouse Brain Tissue diluted at 1:2000.



IF analysis of HeLa with antibody (Left) and DAPI (Right) diluted at 1:100.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com