Recombinant Peroxiredoxin 4 (Prognostic Marker for Lung SqCC) Antibody

Rabbit Monoclonal Antibody [Clone PRDX4/13776R]

Catalog No	Format	Size
10549-RBM7-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
10549-RBM7-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
10549-RBM7-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	PRDX4/13776R
Immunogen	Recombinant full-length human Peroxiredoxin 4 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	30.54kDa
Cellular Localization	Cytoplasm, Endoplasmic reticulum
Species Reactivity	Human

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Peroxiredoxin 4 (Prognostic Marker for Lung SqCC) Antibody

Specificity & Comments

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. Regulates the activation of NF-kappa-B in the cytosol by a modulation of I-kappa-B-alpha phosphorylation.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.