

## Product datasheet for TA385034M

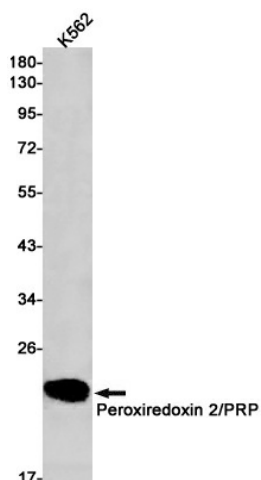
### Peroxiredoxin 2 (PRDX2) Rabbit Monoclonal Antibody [Clone ID: R02-1G5]

#### Product data:

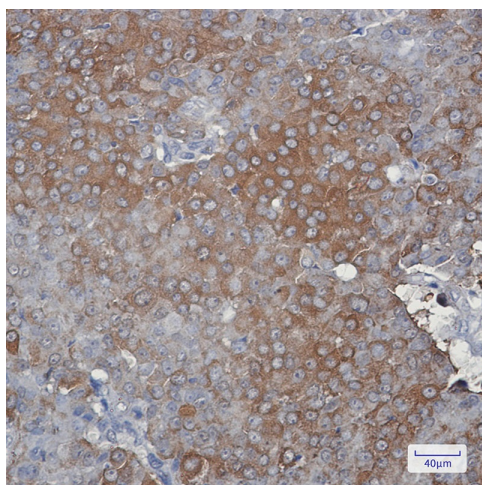
Product Type:	Primary Antibodies
Clone Name:	R02-1G5
Applications:	IHC, WB
Recommended Dilution:	WB: 1/1000-1/5000 IHC: 1/50-1/200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human Peroxiredoxin 2
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 22 kDa; Observed MW: 22 kDa
Gene Name:	peroxiredoxin 2
Database Link:	<a href="#">Entrez Gene 7001 Human P32119</a>
Background:	Swiss-Prot Acc.P32119.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 H2O2.
Synonyms:	MGC4104; NKEF-B; NKEFB; PRP; PRX2; PRXII; TDPX1; torin; TSA


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## Product images:



Western blot analysis of Peroxiredoxin 2/PRP in K562 lysates using Peroxiredoxin 2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Peroxiredoxin 2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.