

Product datasheet for **TA385036M**

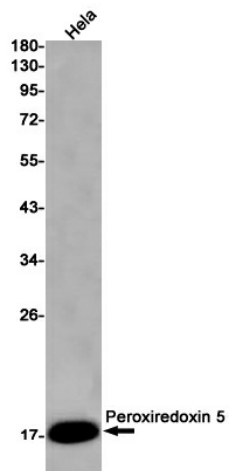
Peroxiredoxin 5 (PRDX5) Rabbit Monoclonal Antibody [Clone ID: R04-2F9]

Product data:

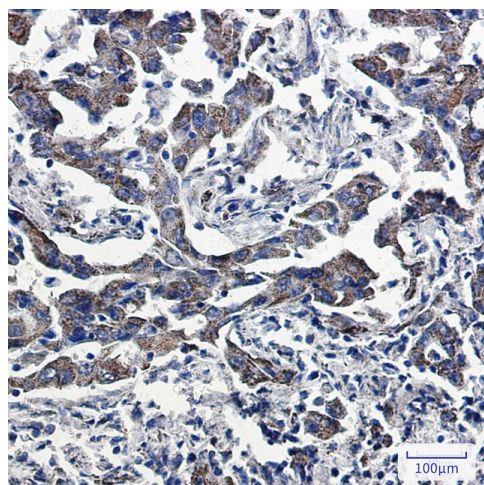
Product Type:	Primary Antibodies
Clone Name:	R04-2F9
Applications:	IHC, IP, WB
Recommended Dilution:	WB: 1/1000 IHC: 1/50 IP: 1/20
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human Peroxiredoxin 5
Formulation:	50mM Tris-Glycine(pH 7.4), 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: 17 kDa
Gene Name:	peroxiredoxin 5
Database Link:	Entrez Gene 25824 Human P30044
Background:	Swiss-Prot Acc.P30044.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.
Synonyms:	ACR1; AOEB166; B166; MGC117264; MGC142283; MGC142285; PLP; PMP20; PRDX6; Prx-V; PRXV; SBB110


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Product images:



Western blot analysis of Peroxiredoxin 5 in HeLa lysates using Peroxiredoxin 5 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Peroxiredoxin 5 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.