

## Product datasheet for **DM3554P**

### HRG Rat Monoclonal Antibody [Clone ID: 9G42]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	9G42
Applications:	WB
Recommended Dilution:	<b>Western Blot:</b> 1/500-1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Purified Mouse Recombinant HPRG protein
Specificity:	This antibody detects Mouse HPRG in Western blotting.
Formulation:	PBS State: Purified State: Lyophilized purified IgG fraction Stabilizer: None
Reconstitution Method:	Restore with 0.2 ml sterile PBS and the final concentration is 0.5 mg/ml
Purification:	Affinity Chromatography on Protein A/G. 0.2 µm Filtration.
Conjugation:	Unconjugated
Storage:	Shelf life: one year from despatch. Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	histidine rich glycoprotein
Database Link:	<a href="#">Entrez Gene 3273 Human P04196</a>



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<b>Background:</b>	HRG (histidine-rich glycoprotein) contains two cystatin-like domains and is located in plasma and platelets. The physiological function is not yet known. It binds heme, dyes and divalent metal ions. It can inhibit rosette formation and interacts with heparin, thrombospondin, and the lysine-binding site of plasminogen. A potential prothrombotic effect of HRG is indicated by the inhibition of fibrinolysis and the reduction of inhibition of coagulation. Mutations in HRG lead to thrombophilia due to abnormal histidine-rich glycoprotein levels.
<b>Synonyms:</b>	Histidine-proline-rich glycoprotein, HPRG
<b>Protein Families:</b>	Secreted Protein