

Product datasheet

Anti-HRG antibody [RM0091-9G42] ab86451

Overview

Product name	Anti-HRG antibody [RM0091-9G42]
Description	Rat monoclonal [RM0091-9G42] to HRG
Host species	Rat
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant HRG protein (Mouse)
General notes	This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from an immunized rat).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Constituent: PBS
Purity	Protein A purified
Purification notes	The IgG fraction of culture supernatant was purified by Protein A/G affinity chromatography and lyophilized from an 0.2 µm filtered solution.
Primary antibody notes	This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from an immunized rat).
Clonality	Monoclonal
Clone number	RM0091-9G42
Isotype	IgG2

Applications

Our [Abpromise guarantee](#) covers the use of **ab86451** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 60 kDa.

Target

Relevance 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.

Cellular localization Secreted

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