Anti-HRG antibody

Cat. No.	ml161754
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-HRG rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human HRG
Reactivity	Human
Content	1.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	HRG
Full name	histidine-rich glycoprotein
Synonyms	HPRG; HRGP; THPH11
Swissprot	P04196

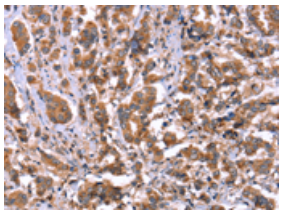
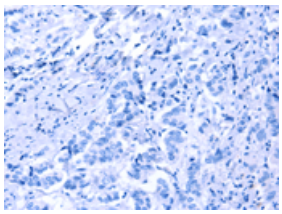
Target Background

This histidine-rich glycoprotein contains two cystatin-like domains and is located in plasma and platelets. The physiological function has not been determined but it is known that the protein binds heme, dyes and divalent metal ions. It can inhibit rosette formation and interacts with heparin, thrombospondin and plasminogen. Two of the protein's effects, the inhibition of fibrinolysis and the reduction of inhibition of coagulation, indicate a potential prothrombotic effect. Mutations in this gene lead to thrombophilia due to abnormal histidine-rich glycoprotein levels.

Applications

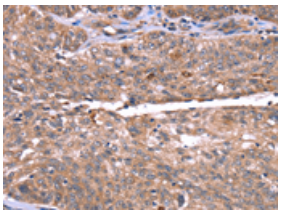
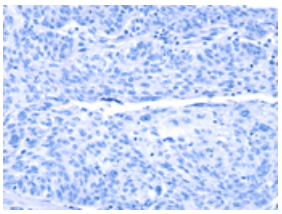
Immunohistochemistry

Predicted cell location: Cytoplasm
Positive control: Human breast cancer
Recommended dilution: 50-200

The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml161754(HRG Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm
Positive control: Human ovarian cancer
Recommended dilution: 50-200

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml161754(HRG Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 2000-5000

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