Anti-RGS5 antibody

Cat. No.	ml123005
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-RGS5 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human RGS5
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	RGS5
Full name	regulator of G-protein signaling 5
Synonyms	MST092; MST106; MST129; MSTP032; MSTP092; MSTP106; MSTP129
Swissprot	O15539

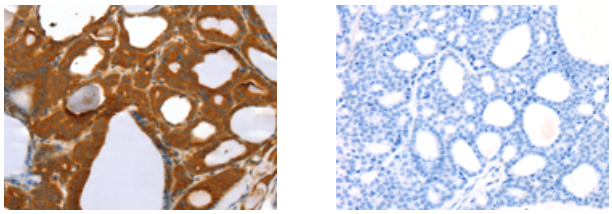
Target Background

This gene encodes a member of the regulators of G protein signaling (RGS) family. The RGS proteins are signal transduction molecules which are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators. This gene is a hypoxia-inducible factor-1 dependent, hypoxia-induced gene which is involved in the induction of endothelial apoptosis. This gene is also one of three genes on chromosome 1q contributing to elevated blood pressure. Alternatively spliced transcript variants have been identified.

Applications

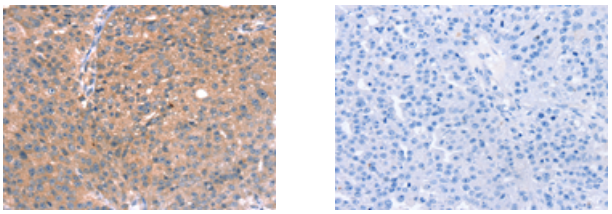
Immunohistochemistry

Predicted cell location: Cytoplasm
Positive control: Human thyroid cancer
Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml123005(RGS5 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm
Positive control: Human breast cancer
Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml123005(RGS5 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

ELISA

Recommended dilution: 2000-5000

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