



Mouse Anti-Human RGS5 monoclonal antibody, clone 2D2 (CABT-L958)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	RGS5
Immunogen	Full length human recombinant protein of human RGS5 (NP_003608) produced in HEK293T cell.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2D2
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, Flow, IHC, IHC-P
Format	Liquid
Size	100 µl
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

BACKGROUND

Introduction

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 encoding different isoforms have been identified.

Keywords

RGS5;regulator of G-protein signaling 5;regulator of G protein signalling 5;MST092;MST106;MST129;MSTP032;MSTP092;MSTP106;MSTP129

GENE INFORMATION

Entrez Gene ID

[8490](#)

UniProt ID

[Q15539](#)