



# 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

<b>Target</b>	RGS5
<b>Immunogen</b>	Full length human recombinant protein of human RGS5 (NP_003608) produced in HEK293T cell.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	2D2
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, Flow, IHC, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	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**

[O15539](#)