

RGS6 recombinant antibody

RGS6 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA278998	HEK293F Cell	Human	Immunofluorescence, Immunohistochemistry, ELISA

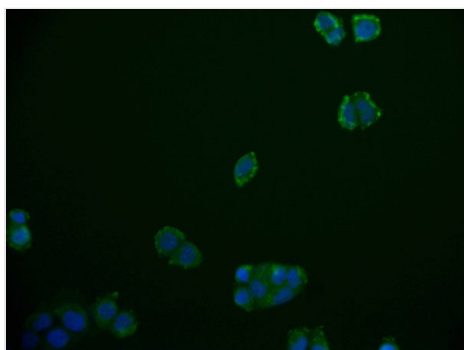
PRODUCT SYNONYMS

RGS6; Monoclonal Recombinant Antibody; RGS6 Recombinant Monoclonal Antibody; Regulator of G-protein signaling 6 (RGS6)(S914); RGS6 recombinant antibody

PRODUCT SPECIFICATIONS

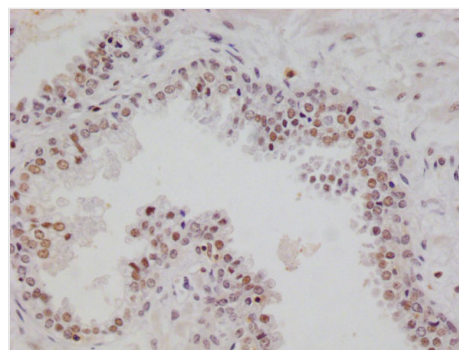
Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	12H5
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for RGS6 recombinant antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human RGS6
Conjugation	Non-conjugated
Research Area	Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



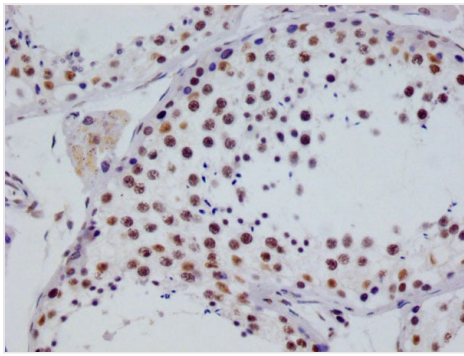
IF (Immunofluorescence)

Immunofluorescence staining of PC-3 cell with AAA278998 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 592-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA278998 diluted at 1:100 and staining in paraffin-embedded human prostate cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)

IHC image of AAA278998 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.

ADDITIONAL INFORMATION

Related Product Information for RGS6 recombinant antibody	Regulates G protein-coupled receptor signaling cascades. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form. The RGS6/GNB5 dimer enhances GNAO1 GTPase activity (PubMed:10521509). {ECO:0000269 PubMed:10521509}.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	325053674
NCBI GeneID	9628
NCBI Accession #	NP_001191345
NCBI GenBank Nucleotide #	NM_004296
UniProt Accession #	P49758; O75576; O75577; Q7Z4K3; Q7Z4K4; Q7Z4K5; Q7Z4K6; Q8TE13; Q8TE14; Q8TE15; C9JE95; F8W7W5
Molecular Weight	53,319 Da
NCBI Official Full Name	regulator of G-protein signaling 6 isoform 1
NCBI Official Synonym Full Names	regulator of G-protein signaling 6
NCBI Official Symbol	RGS6
NCBI Official Synonym Symbols	GAP
NCBI Protein Information	regulator of G-protein signaling 6; GTPase activating protein; H_DJ1108A12.1; S914; WUGSC:H_DJ0283M22.1; WUGSC:H_DJ1108A12.1; regulator of G-protein signalling 6
UniProt Protein Name	Regulator of G-protein signaling 6
UniProt Gene Name	RGS6
UniProt Synonym Gene Names	RGS6
UniProt Entry Name	RGS6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.