

RGS3 Antibody (clone 1E8-C7)
Mouse Monoclonal Antibody
Catalog # ALS14148**Specification**

RGS3 Antibody (clone 1E8-C7) - Product Information

Application	WB, IF, IHC
Primary Accession	P49796
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	132kDa KDa

RGS3 Antibody (clone 1E8-C7) - Additional Information**Gene ID** 5998**Other Names**

Regulator of G-protein signaling 3, RGP3, RGS3, RGS3

Target/Specificity

Human RGS3

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

RGS3 Antibody (clone 1E8-C7) is for research use only and not for use in diagnostic or therapeutic procedures.

RGS3 Antibody (clone 1E8-C7) - Protein Information**Name** RGS3**Function**

Down-regulates signaling from heterotrimeric G-proteins by increasing the GTPase activity of the alpha subunits, thereby driving them into their inactive GDP-bound form. Down-regulates G-protein- mediated release of inositol phosphates and activation of MAP kinases.

Cellular Location

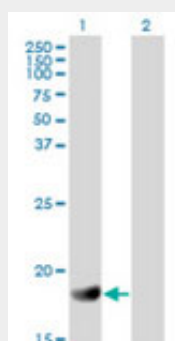
Cytoplasm. Nucleus. Cell membrane; Peripheral membrane protein. Note=Long isoforms are cytoplasmic and associated with the plasma membrane (PubMed:9858594). Short isoforms are nuclear (PubMed:10749886)

RGS3 Antibody (clone 1E8-C7) - Protocols

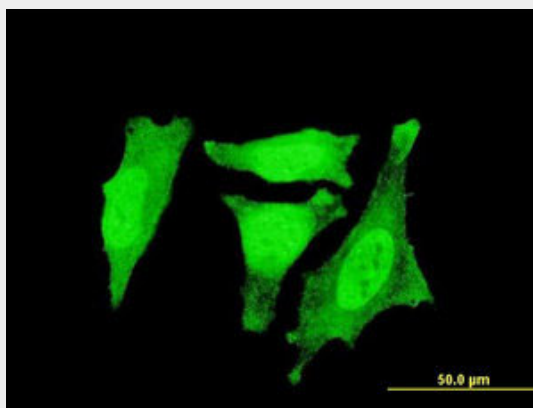
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

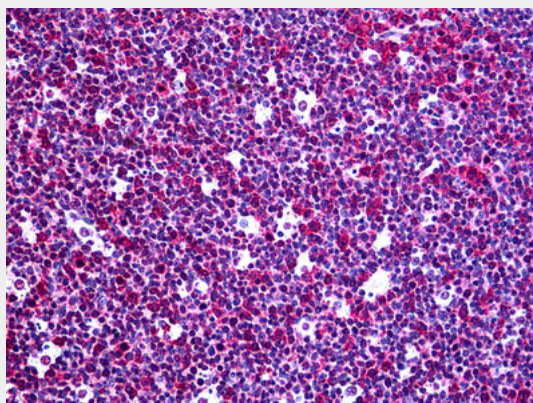
RGS3 Antibody (clone 1E8-C7) - Images



Western blot of RGS3 expression in transfected 293T cell line by RGS3 monoclonal antibody clone...



Immunofluorescence of monoclonal antibody to RGS3 on HeLa cell. [antibody concentration 10 ug/ml].



Anti-RGS3 antibody IHC of human tonsil.

RGS3 Antibody (clone 1E8-C7) - Background

Down-regulates signaling from heterotrimeric G-proteins by increasing the GTPase activity of the alpha subunits, thereby driving them into their inactive GDP-bound form. Down-regulates G-protein-mediated release of inositol phosphates and activation of MAP kinases.

RGS3 Antibody (clone 1E8-C7) - References

Druey K.M., et al. Nature 379:742-746(1996).

Kehrl J.H., et al. Genomics 79:860-868(2002).

Ota T., et al. Nat. Genet. 36:40-45(2004).

Chatterjee T.K., et al. Submitted (DEC-2001) to the EMBL/GenBank/DDBJ databases.

Puhl H.L. III, et al. Submitted (MAR-2004) to the EMBL/GenBank/DDBJ databases.