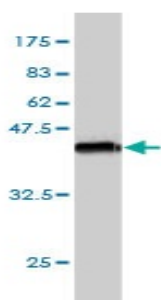


Mouse monoclonal antibody to human Semaphorin-3A [5G9]: IgG

Catalogue No.:	M-886-50
Description:	Semaphorin-3A is a secreted protein that induces the collapse and paralysis of neuronal growth cones. It could serve as a ligand that guides specific growth cones by a motility-inhibiting mechanism. It Binds to the complex neuropilin-1/plexin-1. Increased expression of this protein is associated with schizophrenia and is seen in a variety of human tumor cell lines. Also, aberrant release of this protein is associated with the progression of Alzheimer's disease.
Batch No.:	See product label
Unit size:	50 ug
Antigen:	Partial recombinant human Semaphorin 3A (672-770) with a GST tag.
Isotype:	IgG2a Kappa
Clone:	5G9
Other Names:	Semaphorin III; Sema III; SEMA3A; SEMAD
Accession:	SEM3A_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for WB, and ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Specificity has been confirmed by WB and direct ELISA against the antigen.
Cross-reactivity:	Human. Other species have not been tested.
Form:	Lyophilised from PBS pH 7.4
Reconstitution:	Reconstitute in 50 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	Store lyophilized antibody at 2-8C. After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase



Western blot detection of GST tagged recombinant human Semaphorin-3A. Note GST tag alone is 26 kDa.

FOR RESEARCH USE ONLY