



Semaphorin-6C Antibody

E8M0910-6

Product Type	Mouse monoclonal IgG1, Clone No: 2-G5		
Species Cross-reactivity	Mouse	Form	Liquid
Tested Applications	WB	Concentration	100ul,0.25mg/ml
Positive control	Recombinant protein	Molecular Wt.	42kDa
Cellular Localization	Cell membrane	Database links	SwissProt Q9WTM3

Description: Semaphorin-6C is a Single-pass type I membrane protein that belongs to the semaphorin family. It contains 1 Sema domain and 1 PSI domain. Semaphorin-6C may be a stop signal for the dorsal root ganglion neurons in their target areas, and possibly also for other neurons. It may also be involved in the maintenance and remodeling of neuronal connections.

Specificity/Source: This antibody is produced by immunizing mouse with recombinant protein Semaphorin-6C.

Recommended Dilutions:

WB 1:500~1:1,000

Storage Buffer: 1*TBS (pH7.4), 0.5%BSA, 25%Glycerol.
Preservative: 0.05% Sodium Azide.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.



Fig: Western blot analysis on recombinant protein of Semaphorin-6C, the detected band is 42kDa.

References:

1. "Cloning and characterization of a novel class VI semaphorin, semaphorin Y."Kikuchi K., Chedotal A., Hanafusa H., Ujimasa Y., de Castro F., Goodman C.S., Kimura T.Mol. Cell. Neurosci. 13:9-23(1999)
2. Semaphorin Nomenclature committee: unified nomenclature for the Semaphorins/collapsins. Cell, 97 : 551—552(1999).

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