

Product datasheet

Anti-Sema6A antibody [MM0534-8D9] ab90239

Overview

Product name	Anti-Sema6A antibody [MM0534-8D9]
Description	Mouse monoclonal [MM0534-8D9] to Sema6A
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to the extracellular domain of Human Sema6A

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: PBS
Purity	Protein G purified
Purification notes	The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and filtered through a 0.2 µm filter.
Clonality	Monoclonal
Clone number	MM0534-8D9
Isotype	IgG2

Applications

Our [Abpromise guarantee](#) covers the use of **ab90239** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 114 kDa.

Target

Function	Cell surface receptor for PLXNA2 that plays an important role in cell-cell signaling. Required for normal granule cell migration in the developing cerebellum. Promotes reorganization of the actin cytoskeleton and plays an important role in axon guidance in the developing central nervous system. Can act as repulsive axon guidance cue. Has repulsive action towards migrating granular neurons. May play a role in channeling sympathetic axons into the sympathetic chains and controlling the temporal sequence of sympathetic target innervation.
Sequence similarities	Belongs to the semaphorin family. Contains 1 PSI domain. Contains 1 Sema domain.
Cellular localization	Cell membrane.

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