

**Anti-PLXNA1 antibody (Sema Domain) [M535] (STJA0005539)**

STJA0005539

**GENERAL INFORMATION**

<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Plexin A1 (Sema Domain) is suitable for use in Western Blot, Immunocytochemistry, Immunohistochemistry and Immunoprecipitation research applications.
<b>Applications</b>	WB/ICC/IHC/IP
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	M535
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Antigen Affinity Purified
<b>Dilution</b>	WB 1:500
<b>Range</b>	IHC 1:100 ICC 1:100 IP 1:50
<b>Formulation</b>	PBS + 1 mg/ml BSA, 0.05% NaN <sub>3</sub> and 50% glycerol
<b>Isotype</b>	IgG1
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

**TARGET INFORMATION**

<b>Gene ID</b>	<a href="#">5361</a>
<b>Gene Symbol</b>	<a href="#">PLXNA1</a>
<b>Uniprot ID</b>	<a href="#">PLXA1_HUMAN</a>
<b>Immunogen</b>	Clone M535 was generated from a Plexin-A1 synthetic peptide (coupled to carrier protein) corresponding to a region within the N-terminal half of the semaphorin domain in human Plexin-A1. This sequence is highly conserved in rat and mouse Plexin-A1, a
<b>Immunogen Region</b>	Sema Domain
<b>Specificity</b>	The antibody detects a 220 kDa* protein corresponding to the apparent molecular mass of Plexin-A1 on SDS-PAGE immunoblots of neonatal mouse brain, and detects a recombinant mouse Plexin A1 protein containing the extracellular region.
<b>Immunogen Sequence</b>	