

## Anti-NG2 Rabbit Monoclonal Antibody

### Introduction

Play a role in cell proliferation and migration which stimulates endothelial cells motility during microvascular morphogenesis. May also inhibit neurite outgrowth and growth cone collapse during axon regeneration. May modulate the plasminogen system by enhancing plasminogen activation and inhibiting angiostatin.

### Product parameters

Alternative Names	NG2; MCSP; MCSPG; MSK16; HMW-MAA; MEL-CSPG
Gene ID	1464
Gene Name	CSPG4
SwissProt ID	Q6UVK1
Host	Rabbit
Reactivity	Human
Molecular Weight	Calculated MW: 251 kDa; Observed MW: 251 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-20F7F6
Form	Liquid
Concentration	See label
Carrier	Carrier Free
Immunogen	A synthesized peptide derived from human NG2
Purification	Affinity Chromatography
Buffer System	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Application	WB, IHC-P, FC
Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 FC: 1/50-1/100
Research Field	Neuroscience
Product Categories	Primary antibody
Shipping	Blue ice

Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

## Protocol

Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



**APExBIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

