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# anti-SEMA3G antibody





### Overview

| Quantity:    | 100 μL                                |
|--------------|---------------------------------------|
| Target:      | SEMA3G                                |
| Reactivity:  | Human                                 |
| Host:        | Rabbit                                |
| Clonality:   | Polyclonal                            |
| Conjugate:   | This SEMA3G antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA          |

## **Product Details**

| Immunogen:        | Fusion protein of Human SEMA3G |
|-------------------|--------------------------------|
| Isotype:          | IgG                            |
| Cross-Reactivity: | Human                          |
| Purification:     | Antigen affinity purification  |

# **Target Details**

| Target:           | SEMA3G   |
|-------------------|--|
| Alternative Name: | SEMA3G (SEMA3G Products)   |
| Background:       | Background: Semaphorins are a class of secreted and membrane proteins that act as axonal growth cone guidance molecules. They primarily act as short-range inhibitory signals and signal through multimeric receptor complexes. They are usually cues to deflect axons from inappropriate regions, especially important in neural system development. The major class of |

### **Target Details**

proteins that act as their receptors are called plexins. SEMA3G possesses anti-migration and anti-invasion ability. SEMA3G inhibited tumor cell migration and invasion, which may be obtained through cell autonomous or paracrine mechanisms, and SEMA3G is a potential target for antitumor migration and invasion.

Aliases: FLJ00014 antibody, MGC119473 antibody, Sem2 antibody, SEM3G\_HUMAN antibody, Sema domain immunoglobulin domain (Ig) short basic domain secreted (semaphorin) 3G antibody, Sema3g antibody, Semaphorin 3G antibody, Semaphorin sem2 antibody, Semaphorin-3G antibody

UniProt:

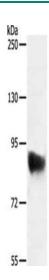
**Q9NS98** 

# **Application Details**

| Application Notes: | ELISA:1:1000-1:5000, WB:1:200-1:1000, |
|--------------------|---------------------------------------|
| Restrictions:      | For Research Use only                 |

# Handling

| Format:            | Liquid   |
|--------------------|--|
| Buffer:            | -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol   |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C,-80 °C  |
| Storage Comment:   | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.  |



# **Western Blotting**

**Image 1.** Gel: 8 % SDS-PAGE, Lysate: 50 μg, Lane: Jurkat cells, Primary antibody: ABIN7130996(SEMA3G Antibody) at dilution 1/400, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 minutes