

Datasheet for ABIN7130996

**anti-SEMA3G antibody****1** Image[Go to Product page](#)

## 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 ( <a href="#">SEMA3G Products</a> )
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