

Datasheet for ABIN7439237

**anti-SEMA4D/CD100 antibody (AA 502-636)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µL
Target:	SEMA4D/CD100 (SEMA4D)
Binding Specificity:	AA 502-636
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEMA4D/CD100 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Semaphorin 4D (SEMA4D)
Immunogen:	Recombinant Semaphorin 4D (SEMA4D) corresponding to Phe502~Ser636 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SEMA4D. It has been selected for its ability to recognize SEMA4D in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

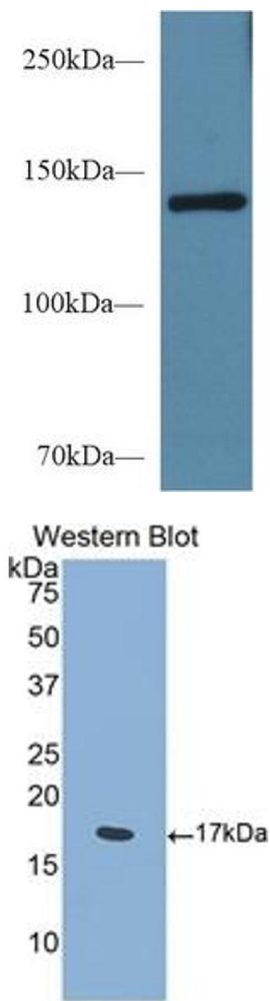
Target:	SEMA4D/CD100 (SEMA4D)
Alternative Name:	Semaphorin 4D ( <a href="#">SEMA4D Products</a> )
Background:	CD100, A8, BB18, GR3, M-Sema G, M-Sema-G, SEMAJ, Coll-4, Sema Domain, Immunoglobulin Domain(Ig), Transmembrane Domain(TM) and Short Cytoplasmic Domain 4D
Pathways:	<a href="#">Regulation of Cell Size</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % 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:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

**Image 1.** Detection of SEMA4D in Mouse Serum using Polyclonal Antibody to Semaphorin 4D (SEMA4D)

Western Blotting

**Image 2.** Detection of Recombinant SEMA4D, Mouse using Polyclonal Antibody to Semaphorin 4D (SEMA4D)