

Datasheet for ABIN7428713
anti-SEMA5B antibody (AA 36-602)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	SEMA5B
Binding Specificity:	AA 36-602
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SEMA5B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Semaphorin 5B (SEMA5B)
Immunogen:	Recombinant Semaphorin 5B (SEMA5B) corresponding to Leu36~Pro602 with N-terminal His Tag
Clone:	C11
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against SEMA5B. It has been selected for its ability to recognize SEMA5B in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

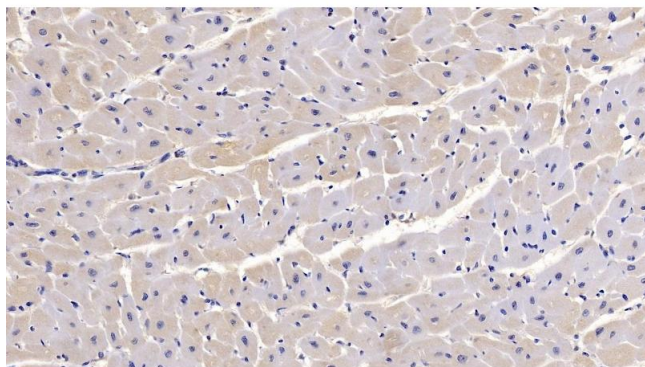
Target:	SEMA5B
Alternative Name:	Semaphorin 5B (SEMA5B Products)
Background:	SEMAG, SemG, Sema Domain,Immunoglobulin Domain(Ig),Transmembrane Domain(TM)and Short Cytoplasmic Domain 5B

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

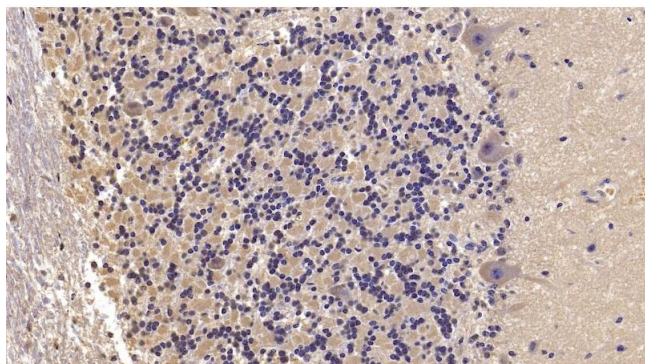
Handling

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



Immunohistochemistry

Image 1. Detection of SEMA5B in Human Cardiac Muscle Tissue using Monoclonal Antibody to Semaphorin 5B (SEMA5B)



Immunohistochemistry

Image 2. Detection of SEMA5B in Human Cerebellum Tissue using Monoclonal Antibody to Semaphorin 5B (SEMA5B)