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Datasheet for ABIN7426409
anti-Syndecan 1 antibody (AA 23-253)

1 Image

Overview

Quantity:	100 µL
Target:	Syndecan 1 (SDC1)
Binding Specificity:	AA 23-253
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Syndecan 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Syndecan 1 (SDC1)
Immunogen:	Recombinant Syndecan 1 (SDC1) corresponding to Gln23~Leu253 with N-terminal His and GST Tag
Clone:	C7
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against SDC1. It has been selected for its ability to recognize SDC1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

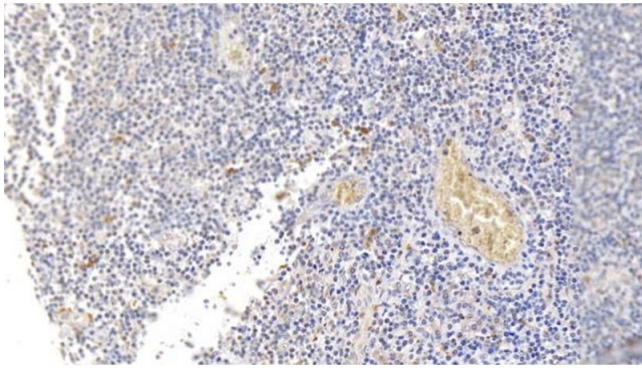
Target:	Syndecan 1 (SDC1)
Alternative Name:	Syndecan 1 (SDC1 Products)
Background:	CD138, SDC, SYND1, Syndecan Proteoglycan 1
Pathways:	Glycosaminoglycan Metabolic Process , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development , Lipid Metabolism

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:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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 SDC1 in Human Tonsil Tissue using Monoclonal Antibody to Syndecan 1 (SDC1)