

Datasheet for ABIN5537532  
**anti-SIGLEC12 antibody (C-Term)**



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2 Images

Overview

Quantity:	400 µL
Target:	SIGLEC12
Binding Specificity:	AA 565-595, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIGLEC12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This SIGLEC12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 565-595 amino acids from the C-terminal region of human SIGLEC12.
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis

Target Details

Target:	SIGLEC12
Alternative Name:	SIGLEC12 ( <a href="#">SIGLEC12 Products</a> )
Background:	Sialic acid-binding immunoglobulin-like lectins (SIGLECs) are a family of cell surface proteins belonging to the immunoglobulin superfamily. They mediate protein-carbohydrate interactions

## Target Details

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by selectively binding to different sialic acid moieties present on glycolipids and glycoproteins. SIGLEC12 is a member of the SIGLEC3-like subfamily of SIGLECs. Members of this subfamily are characterized by an extracellular V-set immunoglobulin-like domain followed by two C2-set immunoglobulin-like domains, and the cytoplasmic tyrosine-based motifs ITIM and SLAM-like. This protein, upon tyrosine phosphorylation, has been shown to recruit the Src homology 2 domain-containing protein-tyrosine phosphatases SHP1 and SHP2. It has been suggested that the protein is involved in the negative regulation of macrophage signaling by functioning as an inhibitory receptor.

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Molecular Weight: 65 kDa

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Gene ID: 89858

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UniProt: [Q96PQ1](#)

## Application Details

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Application Notes: For WB starting dilution is: 1:1000

For IHC-P starting dilution is: 1:50~100

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 2 mg/mL

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Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

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Preservative: Sodium azide

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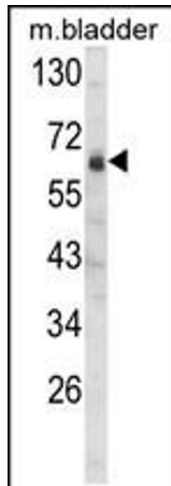
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C, -20 °C

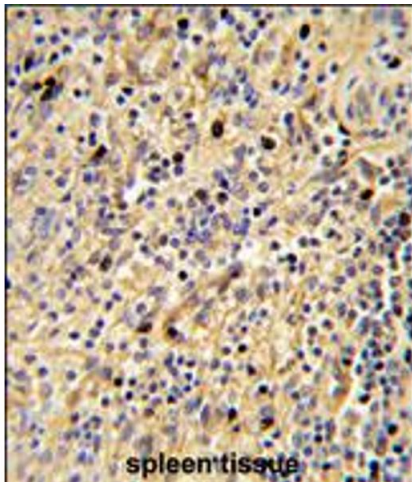
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Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



### Western Blotting

**Image 1.** Western blot analysis of SIGLEC12 Antibody in mouse bladder tissue lysates (35ug/lane)



### Immunohistochemistry

**Image 2.** Formalin-fixed and paraffin-embedded human spleen tissue reacted with SIGLEC12 Antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.