

Datasheet for ABIN544596

anti-SIGLEC7 antibody (N-Term)**2** Images**3** Publications[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	SIGLEC7
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIGLEC7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of SIGLEC7.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human SIGLEC7.
Cross-Reactivity:	Human, Mouse

Target Details

Target:	SIGLEC7
Alternative Name:	CD328 / SIGLEC7 (SIGLEC7 Products)
Gene ID:	27036

Application Details

Application Notes: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100)
Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS (0.09 % sodium azide)

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

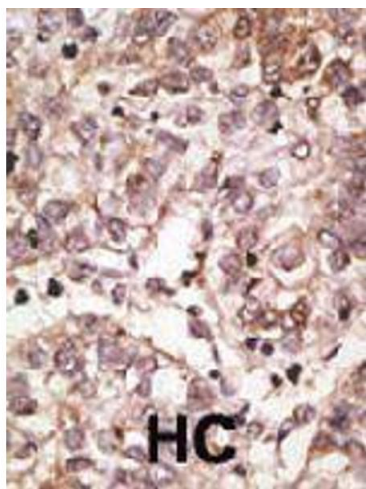
Storage Comment: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Alpey, Attrill, Crocker, van Aalten: "High resolution crystal structures of Siglec-7. Insights into ligand specificity in the Siglec family." in: **The Journal of biological chemistry**, Vol. 278, Issue 5, pp. 3372-7, (2003) ([PubMed](#)).

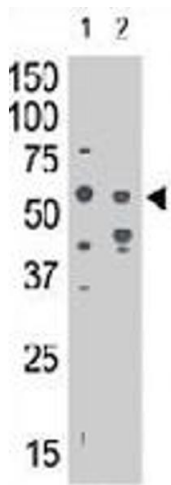
Nicoll, Avril, Lock, Furukawa, Bovin, Crocker: "Ganglioside GD3 expression on target cells can modulate NK cell cytotoxicity via siglec-7-dependent and -independent mechanisms." in: **European journal of immunology**, Vol. 33, Issue 6, pp. 1642-8, (2003) ([PubMed](#)).

Angata, Varki: "Siglec-7: a sialic acid-binding lectin of the immunoglobulin superfamily." in: **Glycobiology**, Vol. 10, Issue 4, pp. 431-8, (2000) ([PubMed](#)).



Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with SIGLEC7 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated. HC = hepatocarcinoma.



Western Blotting

Image 2. The SIGLEC7 polyclonal antibody is used in Western blot to detect SIGLEC7 in mouse liver tissue lysate (lane 1) and in HL-60 cell lysate (lane 2) .