

Product datasheet for TA341934

Siglec 7 (SIGLEC7) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-SIGLEC7 antibody: synthetic peptide directed towards the middle

region of human SIGLEC7. Synthetic peptide located within the following region:

WTWRSLTLYPSQPSNPLVLELQVHLGDEGEFTCRAQNSLGSQHVSLNLSL

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 51 kDa

Gene Name: sialic acid binding Ig like lectin 7

Database Link: NP 055200

Entrez Gene 27036 Human

Q9Y286



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Background: SIGLEC7 is a putative adhesion molecule that mediates sialic-acid dependent binding to cells.

InThe immune response, it may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) viaTheir SH2 domain(s) that block signal transduction through dephosphorylation of signaling molecules. SIGLEC7 mediates inhibition of natural killer cells cytotoxicity. It may also play a role in hemopoiesis. SIGLEC7 inhibits differentiation of CD34+ cell precursors towards myelomonocytic cell lineage and

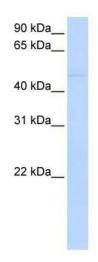
proliferation of leukemic myeloid cells (in vitro).

Synonyms: AIRM1; CD328; CDw328; D-siglec; p75; QA79; SIGLEC-7; SIGLEC19P; SIGLECP2

Note: Immunogen Sequence Homology: Human: 100%

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Product images:



WB Suggested Anti-SIGLEC7 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive

Control: Jurkat cell lysate