

#### **International Office**

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# EB09019 - Goat Anti-SIGLEC8 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: SIGLEC8, sialic acid binding Ig-like lectin 8, MGC59785, SAF2,

SIGLEC-8, SIGLEC8L
Official Symbol: SIGLEC8

Accession Number(s): NP\_055257.2

Human GenelD(s): 27181

#### **Immunogen**

Peptide with sequence C-SYKSQLNYKTKQ, from the internal region of the protein sequence according to NP\_055257.2.

Please note the peptide is available for sale.

## **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

#### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:32000.

**Western blot:** Approx. 45kDa band observed in lysates of cell line MOLT4 (calculated MW of 54.0kDa according to NP\_055257.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Nutku at al, Blood. 2003 Jun 15;101(12):5014-20.; PMID: 12609831). Recommended concentration: 0.3-1μg/ml.

#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB09019 (0.3μg/ml) staining of MOLT4 lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.