

## 10-4040: Monoclonal Antibody to Siglec-H (Clone: ABM2H66)

Clonality :	Monoclonal
Clone Name :	ABM2H66
Application :	WB
Reactivity :	Mouse
Gene :	Siglech
Gene ID :	233274
Uniprot ID :	Q3Y597
Format :	Purified
Alternative Name :	SIGLEC-H
Isotype :	Rat IgG2a, Kappa
Immunogen Information	A partial length recombinant mouse Siglec-H protein (amino acids 109-309) was used as the immunogen for this antibody.

## Description

Siglec H (Sialic acid binding Ig-like lectin H) is cell surface protein of murine origin. Siglec H is mainly distributed in eosinophils and it binds to sialic acid. Siglec H lacks tyrosine based signaling motifs in its cytoplasmic tail, which gives it a special structural identity for binding sialic acid without binding with carbohydrates. Siglec H is specifically expressed in bone marrow, spleen, blood and lymph nodes.

## **Product Info**

Amount : Purification :	25 μg / 100 μg Protein G Chromatography
Content :	25 $\mu g$ in 50 $\mu l/100~\mu g$ in 200 $\mu l$ PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

## **Application Note**

WB: 4-6 µg/ml

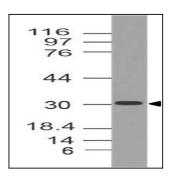


Figure-1: Western blot analysis of Siglec-H. Anti-Siglec-H antibody (Clone: ABM2H66) was used at 4  $\mu$ g/ml on mHeart lysate.

