

## Product datasheet for **TA351670S**

### SIGLEC15 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse urinary bladder tissue lysate IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cell membrane
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human SIGLEC15
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36 kDa
Gene Name:	sialic acid binding Ig like lectin 15
Database Link:	<a href="#">NP_998767</a> <a href="#">Entrez Gene 620235 Mouse</a> <a href="#">Entrez Gene 284266 Human</a> <a href="#">Q6ZMC9</a>

**Background:** Siglec-15 (sialic acid binding Ig-like lectin 15), also known as CD33L3, is a 328 amino acid single-pass type I membrane protein that contains one Ig-like C2-type domain and one Ig-like V-type domain. Expressed in dendritic and macrophage cells, Sinlec-15 interacts with DAP10 and DAP12 and binds to sialylated glycoproteins. The gene encoding Siglec-15 maps to human chromosome 18, which houses over 300 protein-coding genes and contains nearly 76 million bases.

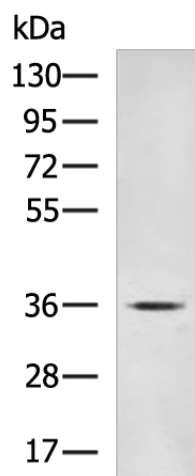


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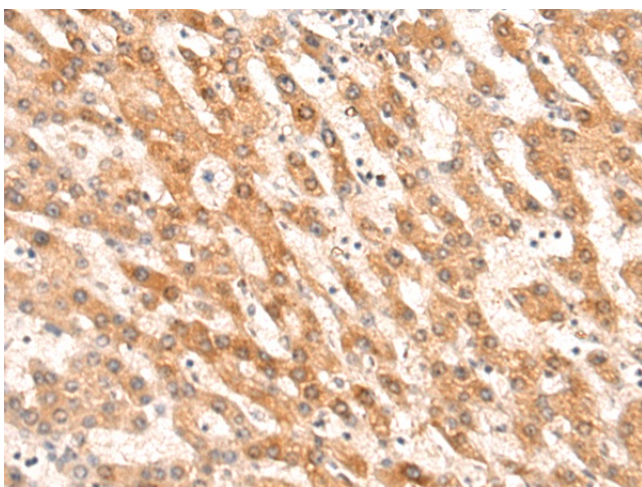
Synonyms: CD33L3; HsT1361; SIGLEC-15

Protein Families: Transmembrane

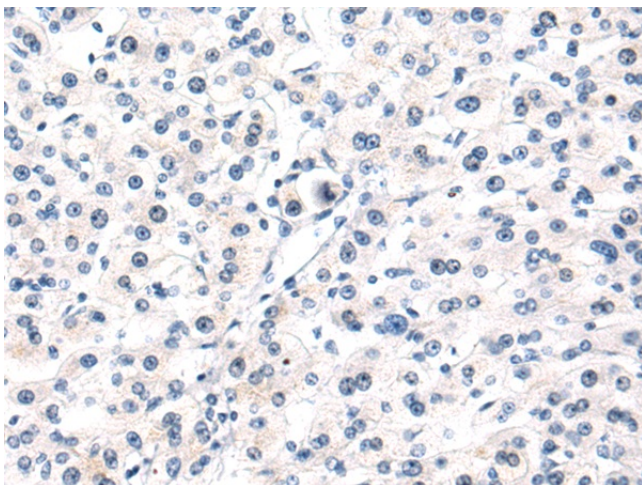
### Product images:



Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Mouse urinary bladder tissue lysate  
Primary antibody: [TA351670] (SIGLEC15 Antibody) at dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 2 minutes



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA351670] (SIGLEC15 Antibody) at dilution 1/50 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA351670] (SIGLEC15 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification:  $\times 200$ )