

**ARG57668**  
**anti-CD75 / ST6GAL1 antibody**Package: 100 µl  
Store at: -20°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes CD75 / ST6GAL1  |
| Tested Reactivity   | Hu, Ms, Rat   |
| Tested Application  | IHC-P, WB   |
| Host                | Rabbit  |
| Clonality           | Polyclonal  |
| Isotype             | IgG   |
| Target Name         | CD75 / ST6GAL1  |
| Species             | Human   |
| Immunogen           | Recombinant protein of Human CD75 / ST6GAL1.  |
| Conjugation         | Un-conjugated   |
| Alternate Names     | SIAT1; CMP-N-acetylneuraminase-beta-galactosamide-alpha-2,6-sialyltransferase 1; B-cell antigen CD75; Sialyltransferase 1; ST6Gal I; Beta-galactoside alpha-2,6-sialyltransferase 1; EC 2.4.99.1; ST6N; Alpha 2,6-ST 1; ST6GalI |

### Application Instructions

| Application table | Application  | Dilution       |
|-------------------|--|----------------|
|                   | IHC-P  | 1:50 - 1:100   |
|                   | WB   | 1:500 - 1:1000 |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |                |
| Positive Control  | Mouse lung   |                |

### Properties

|                     |   |
|---------------------|---|
| Form                | Liquid  |
| Purification        | Affinity purified.  |
| Buffer              | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.  |
| Preservative        | 0.02% Sodium azide  |
| Stabilizer          | 50% Glycerol  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.  |

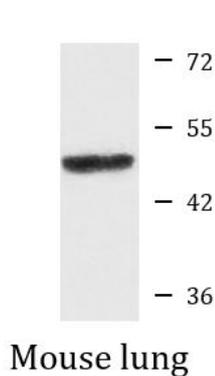
## Bioinformation

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|                |   |
|----------------|---|
| Gene Symbol    | ST6GAL1   |
| Gene Full Name | ST6 beta-galactosamide alpha-2,6-sialyltransferase 1  |
| Background     | This gene encodes a member of glycosyltransferase family 29. The encoded protein is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The protein, which is normally found in the Golgi but can be proteolytically processed to a soluble form, is involved in the generation of the cell-surface carbohydrate determinants and differentiation antigens HB-6, CD75, and CD76. This gene has been incorrectly referred to as CD75. Three transcript variants encoding two different isoforms have been described. [provided by RefSeq, Aug 2009] |
| Function       | Transfers sialic acid from CMP-sialic acid to galactose-containing acceptor substrates. [UniProt]   |
| Calculated Mw  | 47 kDa  |
| PTM            | The soluble form derives from the membrane form by proteolytic processing.<br><br>The HB-6, CDW75, and CD76 differentiation antigens are cell-surface carbohydrate determinants generated by this enzyme. [UniProt]   |

## Images

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ARG57668 anti-CD75 / ST6GAL1 antibody WB image

Western blot: 25 µg of Mouse lung lysate stained with ARG57668 anti-CD75 / ST6GAL1 antibody at 1:1000 dilution.