

## Mouse anti-Human CD328 Monoclonal Antibody | anti-CD328 antibody

Anti-Hu CD328 PE

|                               |                      |                            |                                                         |
|-------------------------------|----------------------|----------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA128377</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay</b> |
|-------------------------------|----------------------|----------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

CD328; Monoclonal Antibody; Anti-Hu CD328 PE; sialic acid binding Ig like lectin 7; SIGLEC7; p75/AIRM1; D-siglec; SIGLEC-7; anti-CD328 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                                         |
| Reactivity                                      | Human                                                                                                                                                                                         |
| Clonality                                       | Monoclonal                                                                                                                                                                                    |
| Isotype                                         | IgG1                                                                                                                                                                                          |
| Clone Number                                    | 6-434                                                                                                                                                                                         |
| Specificity                                     | The mouse monoclonal antibody 6-434 recognizes an extracellular epitope of CD328 (Siglec-7), a 75 kDa transmembrane glycoprotein expressed mainly on NK cells, dendritic cells and monocytes. |
| Purity/Purification                             | The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.                                           |
| Form/Format                                     | Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide                                                                                                            |
| Sequence Length                                 | 467                                                                                                                                                                                           |
| Applicable Applications for anti-CD328 antibody | FCM/FACS (Flow Cytometry)                                                                                                                                                                     |
| Immunogen                                       | human dendritic cells                                                                                                                                                                         |
| Conjugation                                     | PE                                                                                                                                                                                            |
| Preparation and Storage                         | Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.                                                                                                          |

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Related Product Information for anti-CD328 antibody | CD328, also known as Siglec-7 or p75/AIRM1, is a 75 kDa type I transmembrane glycoprotein of sialic acid-binding immunoglobulin-like lectin (Siglec) family. CD328 binds to sialylated glycans with alpha2,6 sialyl and alpha2,8 disialyl residues and mediates sialic acid-dependent cell-cell binding. As it contains in its intracellular part the immunoreceptor tyrosine-based inhibitory motif (ITIM), it serves as an inhibitory receptor, e.g. of NK cells. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                      |
|----------------------------------|--------------------------------------|
| NCBI GI #                        | <a href="#">25009269</a>             |
| NCBI GeneID                      | <a href="#">27036</a>                |
| UniProt Accession #              | <a href="#">Q9Y286</a>               |
| NCBI Official Full Name          | Sialic acid-binding Ig-like lectin 7 |
| NCBI Official Synonym Full Names | sialic acid binding Ig like lectin 7 |

|                               |                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------|
| NCBI Official Symbol          | SIGLEC7                                                                             |
| NCBI Official Synonym Symbols | p75; QA79; AIRM1; CD328; CDw328; D-siglec; SIGLEC-7; SIGLECP2; SIGLEC19P; p75/AIRM1 |
| NCBI Protein Information      | sialic acid-binding Ig-like lectin 7                                                |
| UniProt Protein Name          | Sialic acid-binding Ig-like lectin 7                                                |
| UniProt Gene Name             | <b>SIGLEC7</b>                                                                      |
| UniProt Synonym Gene Names    | AIRM1; Siglec-7; AIRM-1                                                             |
| UniProt Entry Name            | SIGL7_HUMAN                                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd328-antibody-clone-6-434-flow-cytometry-elisa/128377>