

## CD171/N-CAML1 Antibody | anti-CD171/N-CAML1 antibody

CD171/N-CAML1 (Ab-1181) Antibody

|                               |                                        |                                                                |
|-------------------------------|----------------------------------------|----------------------------------------------------------------|
| CATALOG #<br><b>AAA267519</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunofluorescence, Western Blot</b> |
|-------------------------------|----------------------------------------|----------------------------------------------------------------|

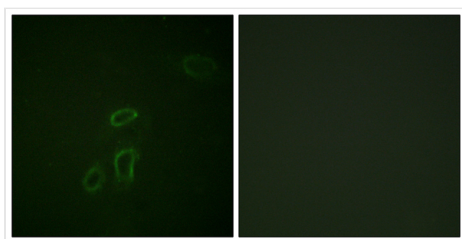
### PRODUCT SYNONYMS

CD171/N-CAML1; CD171/N-CAML1 (Ab-1181) Antibody; CAML; CAML1; CD171 antigen; L1CAM; MIC5; Neural cell adhesion molecule L1; anti-CD171/N-CAML1 antibody

### PRODUCT SPECIFICATIONS

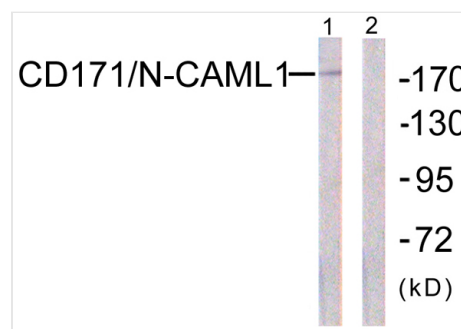
|                                                         |                                                                                                                                                                 |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                              | Human, Mouse, Rat                                                                                                                                               |
| Specificity                                             | CD171/N-CAML1 (Ab-1181) antibody detects endogenous levels of total CD171/N-CAML1 protein.                                                                      |
| Purity/Purification                                     | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                            |
| Form/Format                                             | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                         |
| Sequence Length                                         | 1257                                                                                                                                                            |
| Applicable Applications for anti-CD171/N-CAML1 antibody | ELISA, IF (Immunofluorescence), WB (Western Blot)                                                                                                               |
| Immunogen                                               | The antiserum was produced against synthesized non-phosphopeptide derived from human CD171/N-CAML1 around the phosphorylation site of serine 1181 (L-E-SP-D-N). |
| Preparation and Storage                                 | Store at -20 degree C for 1 year.                                                                                                                               |

### IMAGES



#### WB (Western Blot)

Peptide- Western blot analysis of extracts from K562 cells, using CD171/N-CAML1 (Ab-1181) antibody. Immunofluorescence analysis of HepG2 cells, using CD171/N-CAML1 (Ab-1181) antibody.



Application Data

### ADDITIONAL INFORMATION

|            |                                                                                                                                                |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Kobayashi M., Biochim. Biophys. Acta 1090:238-240(1991). Hlavin M.L., Genomics 11:416-423(1991). Reid R.A., J. Mol. Neurosci. 3:127-135(1992). |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|             |         |
|-------------|---------|
| NCBI GI #   | 4557707 |
| NCBI GeneID | 3897    |

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| NCBI Accession #                 | NP_000416.1                                                                  |
| NCBI GenBank Nucleotide #        | NM_000425.4                                                                  |
| UniProt Accession #              | P32004; Q8TA87; A0AV65; A4ZYW4; B2RMU7; G3XAF4                               |
| Molecular Weight                 | 138,908 Da                                                                   |
| NCBI Official Full Name          | neural cell adhesion molecule L1 isoform 1                                   |
| NCBI Official Synonym Full Names | L1 cell adhesion molecule                                                    |
| NCBI Official Symbol             | L1CAM                                                                        |
| NCBI Official Synonym Symbols    | S10; HSAS; MASA; MIC5; SPG1; CAML1; CD171; HSAS1; N-CAML1; NCAM-L1; N-CAM-L1 |
| NCBI Protein Information         | neural cell adhesion molecule L1                                             |
| UniProt Protein Name             | Neural cell adhesion molecule L1                                             |
| UniProt Gene Name                | <b>L1CAM</b>                                                                 |
| UniProt Synonym Gene Names       | CAML1; MIC5; N-CAM-L1; NCAM-L1                                               |

**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://stage.aaabiotech.com/human-mouse-rat-antibody/cd171-n-caml1/267519>