

## Rabbit anti-Human CD98 Polyclonal Antibody | anti-CD98 antibody

CD98 antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA303411</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

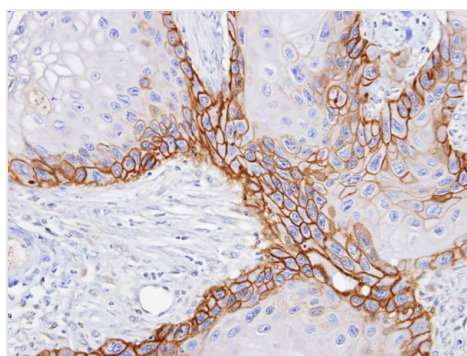
### PRODUCT SYNONYMS

CD98; Polyclonal Antibody; CD98 antibody; 4F2; MDU1; 4F2HC; 4T2HC; CAE; CD98HC; anti-CD98 antibody

### PRODUCT SPECIFICATIONS

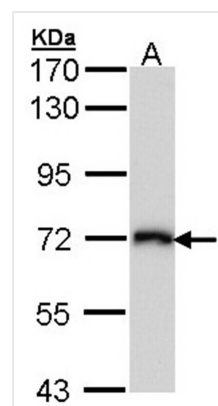
|                                                |                                                                                                                          |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                   |
| Reactivity                                     | Human                                                                                                                    |
| Clonality                                      | Polyclonal                                                                                                               |
| Purity/Purification                            | Purified by antigen-affinity chromatography.                                                                             |
| Form/Format                                    | Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.           |
| Sequence Length                                | 661                                                                                                                      |
| Applicable Applications for anti-CD98 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                            |
| Immunogen Type                                 | Recombinant protein                                                                                                      |
| Immunogen Description                          | Recombinant protein fragment contain a sequence corresponding to a region within amino acids 120 and 434 of Human SLC3A2 |
| Target Name                                    | CD98                                                                                                                     |
| Preparation and Storage                        | Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.                  |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded SCC15 xenograft, using CD98 antibody at 1: 100 dilution.



#### Application Data

Sample (30 ug of whole cell lysate) A: Molt-4 7.5% SDS PAGE Primary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD98 antibody | This gene is a member of the solute carrier family and encodes a cell surface, transmembrane protein with an alpha amylase domain. The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. It associates with integrins and mediates integrin-dependent signaling related to normal cell growth and tumorigenesis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq] |
| Product Categories/Family for anti-CD98 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 61744475                                                               |
| NCBI GeneID                      | 6520                                                                   |
| NCBI Accession #                 | NP_001012679                                                           |
| NCBI GenBank Nucleotide #        | NM_001012661.1                                                         |
| Molecular Weight                 | 71,123 Da                                                              |
| NCBI Official Synonym Full Names | solute carrier family 3 (amino acid transporter heavy chain), member 2 |
| NCBI Official Symbol             | SLC3A2                                                                 |
| NCBI Official Synonym Symbols    | 4F2; CD98; MDU1; 4F2HC; 4T2HC; NACAE; CD98HC                           |
| NCBI Protein Information         | 4F2 cell-surface antigen heavy chain                                   |
| UniProt Protein Name             | 4F2 cell-surface antigen heavy chain                                   |
| UniProt Gene Name                | SLC3A2                                                                 |
| UniProt Synonym Gene Names       | MDU1; 4F2hc                                                            |
| UniProt Entry Name               | 4F2_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://stage.aaabiotech.com/polyclonal/cd98-antibody-immunohistochemistry-western-blot-elisa/303411>