

## Datasheet: VPA00372

|                      |                        |
|----------------------|------------------------|
| <b>Description:</b>  | RABBIT ANTI CD98       |
| <b>Specificity:</b>  | CD98                   |
| <b>Format:</b>       | Purified               |
| <b>Product Type:</b> | PrecisionAb Polyclonal |
| <b>Isotype:</b>      | Polyclonal IgG         |
| <b>Quantity:</b>     | 100 µl                 |

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|                  | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ▪   |    |                | 1/1000             |

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

|                                       |  |
|---------------------------------------|--|
| <b>Target Species</b>                 | Human  |
| <b>Species Cross Reactivity</b>       | Reacts with: Mouse<br><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. |
| <b>Product Form</b>                   | Purified IgG - liquid  |
| <b>Preparation</b>                    | Rabbit polyclonal antibody purified by affinity chromatography.  |
| <b>Buffer Solution</b>                | Phosphate buffered saline.   |
| <b>Preservative Stabilisers</b>       | 0.09% Sodium Azide (NaN <sub>3</sub> ).  |
| <b>Approx. Protein Concentrations</b> | IgG concentration 0.5 mg/ml.   |

|                                      |  |
|--------------------------------------|--|
| <b>Immunogen</b>                     | KLH-conjugated synthetic peptide corresponding to aa 588-615 of human CD98   |
| <b>External Database Links</b>       | <b>UniProt:</b><br><a href="#">P08195</a> <a href="#">Related reagents</a><br><br><b>Entrez Gene:</b><br><a href="#">6520</a> SLC3A2 <a href="#">Related reagents</a>  |
| <b>Synonyms</b>                      | MDU1   |
| <b>Specificity</b>                   | <p><b>Rabbit anti Human CD98 antibody</b> recognizes CD98, also known as 4F2 cell-surface antigen heavy chain, SLC3A2, solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2 and solute carrier family 3 member 2.</p> <p>CD98 is a member of the solute carrier family and encodes a cell surface, transmembrane protein. The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. The encoded transporter plays a role in regulation of intracellular calcium levels and transports L-type amino acids. Alternatively spliced transcript variants, encoding different isoforms, have been characterized (provided by RefSeq, Nov 2010).</p> <p>Rabbit anti Human CD98 antibody detects a band of 80-105 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p> |
| <b>Western Blotting</b>              | Anti CD98 detects a band of approximately 80-105 kDa in HeLa cell lysate.  |
| <b>Storage</b>                       | <p>This product is shipped at ambient temperature.</p> <p>Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p>  |
| <b>Guarantee</b>                     | 12 months from date of despatch.   |
| <b>Acknowledgements</b>              | PrecisionAb is a trademark of Bio-Rad Laboratories.  |
| <b>Health And Safety Information</b> | <p>Material Safety Datasheet documentation #10040 available at:</p> <p><a href="https://www.bio-rad-antibodies.com/SDS/VPA00372">https://www.bio-rad-antibodies.com/SDS/VPA00372</a></p> <p>10040</p>  |
| <b>Regulatory</b>                    | For research purposes only.  |

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

**North & South America** Tel: +1 800 265 7376  
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
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