

## 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 <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</b>	IgG concentration 0.5 mg/ml

## Concentrations

**Immunogen** KLH-conjugated synthetic peptide corresponding to aa 588-615 of human CD98

## External Database Links

### UniProt:

[P08195](#) [Related reagents](#)

### Entrez Gene:

[6520](#) SLC3A2 [Related reagents](#)

**Synonyms** MDU1

**Specificity** **Rabbit anti Human CD98 antibody** 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.

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).

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.

**Western Blotting** Anti CD98 detects a band of approximately 80-105 kDa in HeLa cell lysate

**Storage** Store undiluted at -20°C, avoiding repeated freeze thaw cycles

**Guarantee** 12 months from date of despatch

**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories.

**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

**Regulatory** For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

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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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