

## Datasheet: VPA00934

|                      |                        |
|----------------------|------------------------|
| <b>Description:</b>  | RABBIT ANTI CD324      |
| <b>Specificity:</b>  | CD324                  |
| <b>Other names:</b>  | CADHERIN 1             |
| <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>Product Form</b>    | Purified IgG - liquid   |
| <b>Preparation</b>     | Rabbit polyclonal antibody purified by affinity chromatography on immunogen |
| <b>Buffer Solution</b> | Phosphate buffered saline   |
| <b>Preservative</b>    | 0.09% Sodium Azide  |
| <b>Stabilisers</b>     | <50% Glycerol   |
| <b>Immunogen</b>       | Synthetic peptide of human CD324  |

### External Database Links

#### UniProt:

[P12830](#)

[Related reagents](#)

**Entrez Gene:**[999](#) [CDH1](#) [Related reagents](#)

|                                      |   |
|--------------------------------------|---|
| <b>Synonyms</b>                      | CDHE, UVO   |
| <b>Specificity</b>                   | <p><b>Rabbit anti Human CD324 antibody</b> recognizes cadherin-1, also known as CAM 120/80, E-cadherin, epithelial cadherin, calcium-dependent adhesion protein-epithelial and uvomorulin.</p> <p>CDH1 is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Mutations in CDH1 are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function is thought to contribute to progression in cancer by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. Identified transcript variants arise from mutation at consensus splice sites (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human CD324 antibody detects a band of 135 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p> |
| <b>Western Blotting</b>              | Anti CD324 antibody recognizes a band of approximately 135 kDa in COLO-205 cell lysates   |
| <b>Storage</b>                       | Store undiluted at -20°C, avoiding repeated freeze thaw cycles  |
| <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> | Material Safety Datasheet documentation #10049 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00934">https://www.bio-rad-antibodies.com/SDS/VPA00934</a> 10049  |
| <b>Regulatory</b>                    | 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://www.bio-rad-antibodies.com/datasheets)

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