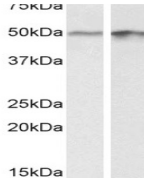


## Product Datasheet

### CD44 Antibody (orb1248325)

| Description                | CD44 Antibody                                                                                                                                                                                                                                                              | <div> <div>250kDa</div> <div>150kDa</div> <div>A</div> <div>B</div> </div>          |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Species/Host</b>        | Goat                                                                                                                                                                                                                                                                       |  |
| <b>Reactivity</b>          | Human                                                                                                                                                                                                                                                                      |                                                                                     |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                                                                                                               |                                                                                     |
| <b>Tested Applications</b> | ELISA, WB                                                                                                                                                                                                                                                                  | orb1248325<br>(0.03 ug/ml)<br>staining of U-2 ...                                   |
| <b>Immunogen</b>           | The immunogen for this antibody is: C-NRDGTRYVQKGEYRT                                                                                                                                                                                                                      |                                                                                     |
| <b>Target</b>              | CD44                                                                                                                                                                                                                                                                       |                                                                                     |
| <b>Preservatives</b>       | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                                                |                                                                                     |
| <b>Form/Appearance</b>     | Liquid                                                                                                                                                                                                                                                                     |                                                                                     |
| <b>Concentration</b>       | 500 ug/mL                                                                                                                                                                                                                                                                  |                                                                                     |
| <b>Storage</b>             | Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                                                                                                                                                 |                                                                                     |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                                                      |                                                                                     |
| <b>Application notes</b>   | Peptide ELISA: antibody detection limit dilution 1:128000. Western Blot: Approx 75-82kDa band observed in lysates of cell line U-2 OS (calculated MW of 81.5kDa according to NP_000601.3 and 76.6 according to NP_001001389.1). Recommended concentration: 0.01-0.03ug/ml. |                                                                                     |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                 |                                                                                     |
| <b>MW</b>                  | Approx 75-82kDa                                                                                                                                                                                                                                                            |                                                                                     |
| <b>Uniprot ID</b>          | <b>P16070</b>                                                                                                                                                                                                                                                              |                                                                                     |
| <b>NCBI</b>                | <b>NP_001189484.1, NP_001189486.1, NP_000601.3, NP_001001390.1, NP_001189485.1, NP_001001389.1, NP_001001391.1, NP_001001392.1</b>                                                                                                                                         |                                                                                     |
| <b>Dilution Range</b>      | Peptide ELISA: antibody detection limit dilution 1:128000. Western Blot: Approx 75-82kDa band observed in lysates of cell line U-2 OS (calculated MW of 81.5kDa according to NP_000601.3 and 76.6 according to NP_001001389.1). Recommended concentration: 0.01-0.03ug/ml. |                                                                                     |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                                                                                            |                                                                                     |