

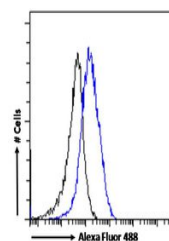
## Product Datasheet

### P2RX4 antibody (orb19982)

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Goat polyclonal antibody to P2RX4                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species/Host</b>        | Goat                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>          | Bovine, Canine, Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Tested Applications</b> | ELISA, FC, WB                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Target</b>              | P2X4 / P2X4R                                                                                                                                                                                                                                                                                                                                                                                                         |
| <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>Storage</b>             | Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                                                                                                                                                                                                                                                                                           |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Application notes</b>   | ELISA: Peptide ELISA: antibody detection limit dilution 1:128000. WB: Approx 60-70kDa band observed in Human Kidney, Liver and Rat Kidney (calculated MW of 43.4kDa according to NP_002551.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Brown et al, J Biol Chem. 2004 Sep 17;279(38):39485-94.; PMID: 15262999). Recommended concentration: 1-3µg/ml. |
| <b>Protein Sequence</b>    | YREKKYKYVEDYEQ                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MW</b>                  | 43.4; 45.3; 40.5                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Entrez</b>              | <b>5025</b>                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Dilution Range</b>      | ELISA: 1:128000, WB: 1-3 µg/ml                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                                                      |



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