

## Product datasheet for **AM01210PU-N**

### Mouse Monoclonal Antibody [Clone ID: 2S14 (BGN/06/845)]

#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Clone Name:           | 2S14 (BGN/06/845)  |
| Applications:         | E  |
| Recommended Dilution: | ELISA  |
| Reactivity:           | Human  |
| Host:                 | Mouse  |
| Isotype:              | IgG3   |
| Clonality:            | Monoclonal   |
| Immunogen:            | 17-alpha-hydroxy Progesterone conjugated to Bovine Serum Albumin.  |
| Specificity:          | This antibody is specific for Progesterone and 17-alpha-hydroxyprogesterone (OHP).   |
| Formulation:          | PBS containing 0.09% Sodium Azide as preservative  |
| Concentration:        | lot specific   |
| Purification:         | Affinity Chromatography on Protein A   |
| Conjugation:          | Unconjugated   |
| Storage:              | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.  |
| Background:           | Progesterone is a steroid hormone synthesized from the cholesterol derivative, pregnenolone, in the cortex of the adrenal gland. It is secreted by the corpus luteum and acts to prepare the endometrium for the implantation of a fertilized egg. During pregnancy, it is secreted by the placenta in order to prevent spontaneous abortion and to stimulate the development of mammary tissue to produce milk. Progesterone is also available as a pharmaceutical that can be used to treat menstrual disorders and for the prevention of miscarriage. |



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