

## Product datasheet for **SM259P**

### Cd8a Mouse Monoclonal Antibody [Clone ID: OX-8]

#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Clone Name:           | OX-8  |
| Applications:         | FC, IF, IHC, IP, WB   |
| Recommended Dilution: | <b>Western Blot.</b><br><b>Immunoprecipitation.</b><br><b>Immunofluorescence.</b><br><b>Flow Cytometry:</b> 1/50-1/100. Use 10µl of the suggested working dilution to label 10e6 cells in 100µl.<br><b>Immunohistochemistry on Frozen Sections.</b><br><b>Immunohistochemistry on Paraffin sections:</b> This product does not require protein digestion pre-treatment of paraffin embedded sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin embedded sections. |
| Reactivity:           | Rat   |
| Host:                 | Mouse   |
| Isotype:              | IgG1  |
| Clonality:            | Monoclonal  |
| Immunogen:            | Rat thymocyte membrane glycoproteins.<br>Spleen cells from immunised BALB/c mice were fused with cells of the NS1 mouse myeloma cell line.  |
| Specificity:          | This antibody recognises the CD8 alpha cell surface antigen.<br>Clone MRC OX-8 is suitable for use in in vitro blocking studies.<br>We recommend the use of SM259A for this purpose.<br>This clone has been described reacting with paraffin-embedded material following PLP Fixation (periodatelysine paraformaldehyde).   |
| Formulation:          | PBS, pH 7.2<br>State: Purified<br>State: Liquid purified IgG fraction from Tissue Culture Supernatant<br>Preservative: 0.09% Sodium Azide   |
| Concentration:        | lot specific  |
| Purification:         | Affinity Chromatography on Protein G  |



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|-----------------------|--|
| <b>Conjugation:</b>   | Unconjugated   |
| <b>Storage:</b>       | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing. |
| <b>Stability:</b>     | Shelf life: one year from despatch.  |
| <b>Gene Name:</b>     | CD8a molecule  |
| <b>Database Link:</b> | <a href="#">Entrez Gene 24930 Rat P07725</a>   |
| <b>Background:</b>    | CD8 is expressed by a subset of T lymphocytes, most thymocytes and the majority of NK cells.                         |
| <b>Synonyms:</b>      | CD8 alpha chain, CD8A, MAL   |